

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF050120\
 Data File : BF120275.D
 Acq On : 1 May 2020 23:04
 Operator : MA/SJ
 Sample : L2122-11 10X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-03-043020

Quant Time: May 02 01:13:31 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 01 15:26:36 2020
 Response via : Initial Calibration

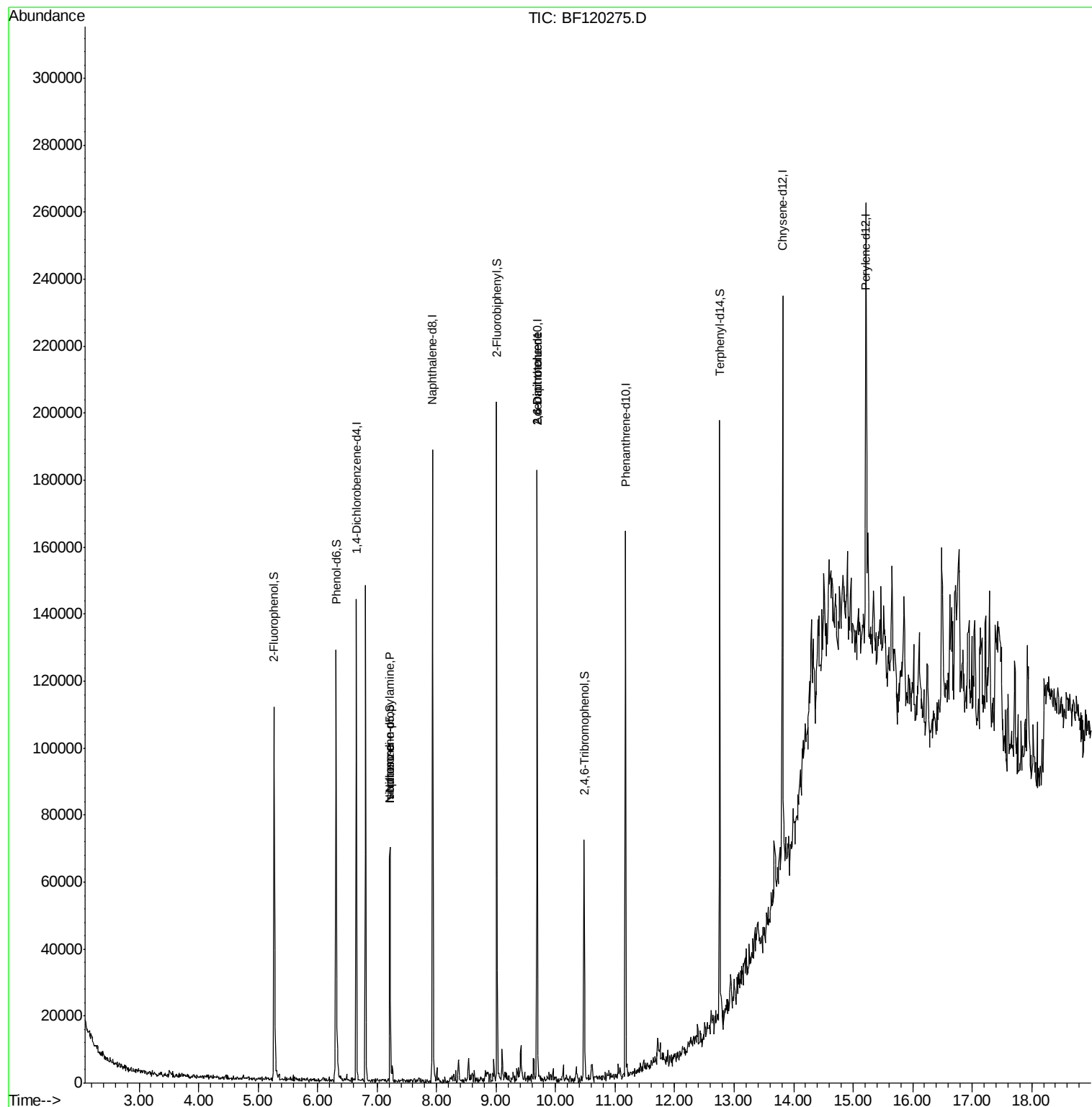
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	20353	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	77148	20.00	ng	0.00
39) Acenaphthene-d10	9.69	164	34297	20.00	ng	-0.01
64) Phenanthrene-d10	11.17	188	59609	20.00	ng	0.00
76) Chrysene-d12	13.82	240	54691	20.00	ng	-0.01
87) Perylene-d12	15.22	264	54083	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	33374	28.34	ng	0.00
7) Phenol-d6	6.31	99	44935	29.61	ng	0.00
23) Nitrobenzene-d5	7.21	82	23972	16.08	ng	-0.02
42) 2,4,6-Tribromophenol	10.48	330	9845	23.45	ng	-0.01
45) 2-Fluorobiphenyl	9.01	172	62550	25.89	ng	-0.01
79) Terphenyl-d14	12.76	244	61130	18.81	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.21	70	2828	2.898	ng	# 71
25) Isophorone	7.21	82	23972	8.339	ng	# 65
51) 2,6-Dinitrotoluene	9.69	165	4275	7.359	ng	# 25
57) 2,4-Dinitrotoluene	9.69	165	4275	5.585	ng	# 19

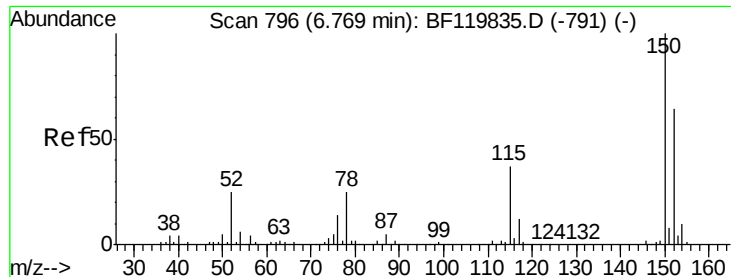
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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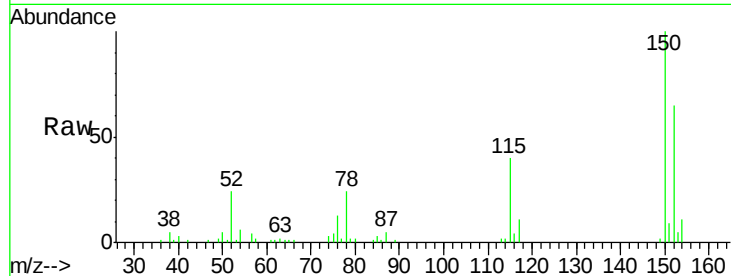


#1

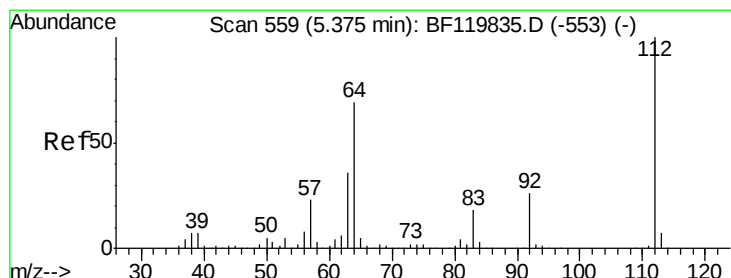
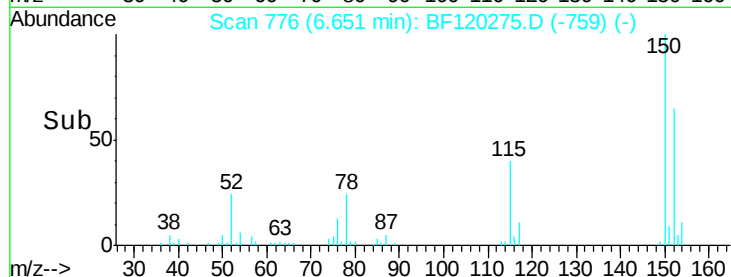
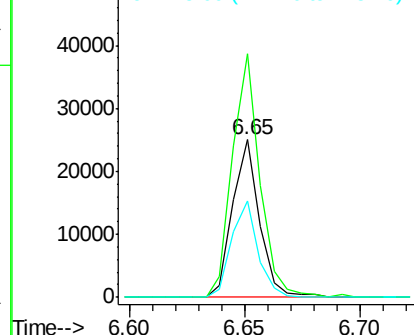
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.65 min Scan# 776
Delta R.T. -0.00 min
Lab File: BF120275.D
Acq: 1 May 2020 23:04

Instrument :
BNA_F
ClientSampleId :
SU-03-043020

Tot Ion:152 Resp: 20353
Ion Ratio Lower Upper
152 100
150 154.3 124.5 186.7
115 61.2 49.6 74.4



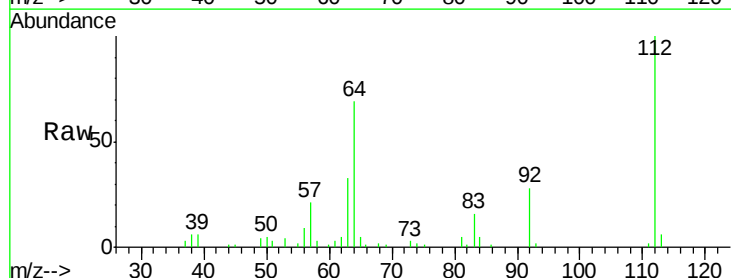
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



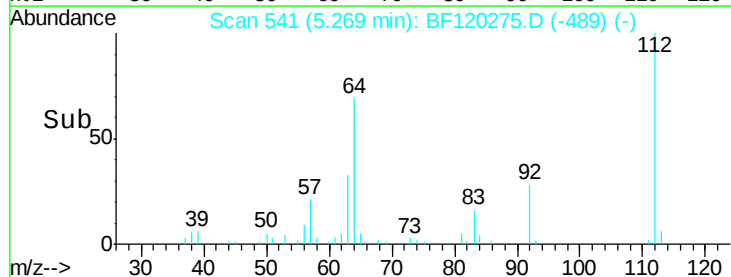
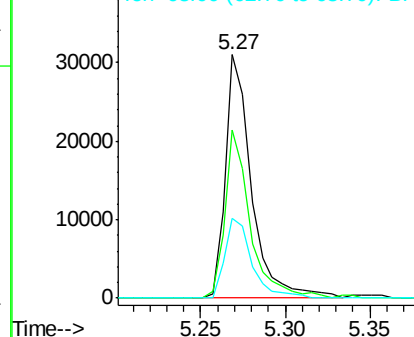
#5

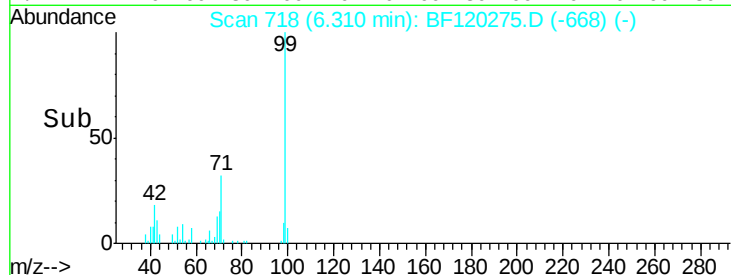
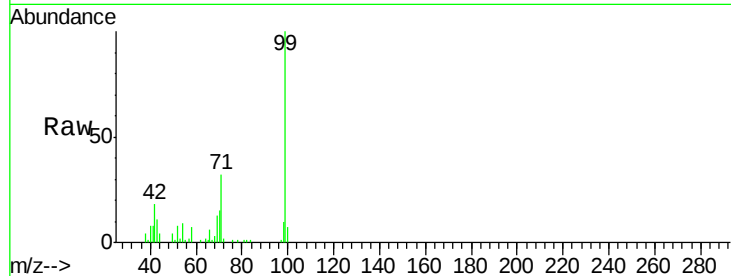
2-Fluorophenol
Concen: 28.338 ng
RT: 5.27 min Scan# 541
Delta R.T. 0.01 min
Lab File: BF120275.D
Acq: 1 May 2020 23:04

Tgt Ion:112 Resp: 33374
Ion Ratio Lower Upper
112 100
64 69.0 56.7 85.1
63 33.0 29.5 44.3



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: 29.610 ng

RT: 6.31 min Scan# 718

Delta R.T. -0.01 min

Lab File: BF120275.D

Acq: 1 May 2020 23:04

Instrument :

BNA_F

ClientSampleId :

SU-03-043020

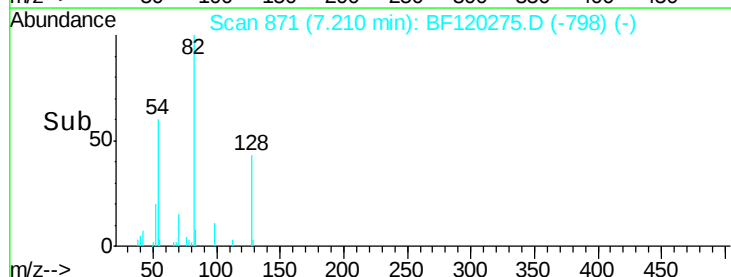
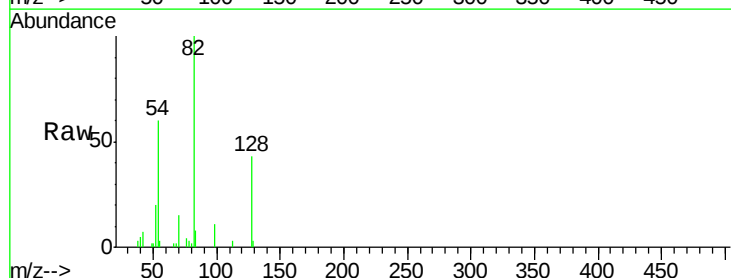
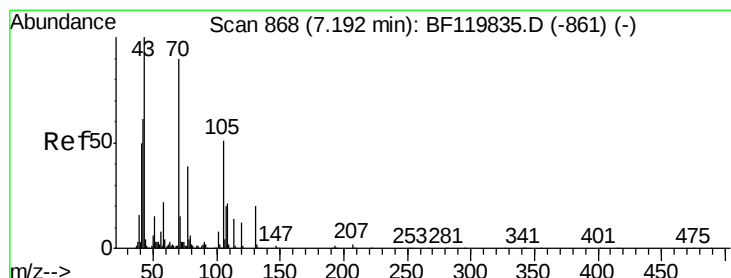
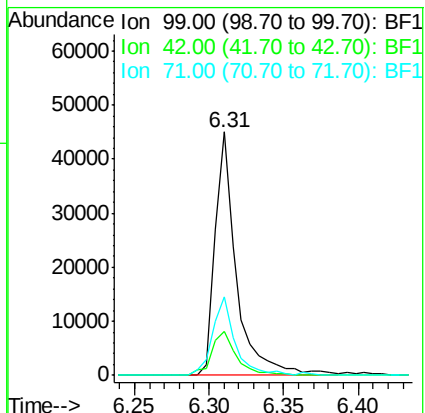
Tot Ion: 99 Resp: 44935

Ion Ratio Lower Upper

99 100

42 17.8 16.6 24.8

71 32.5 26.4 39.6



#19

n-Nitroso-di-n-propylamine

Concen: 2.898 ng

RT: 7.21 min Scan# 871

Delta R.T. 0.13 min

Lab File: BF120275.D

Acq: 1 May 2020 23:04

Tgt Ion: 70 Resp: 2828

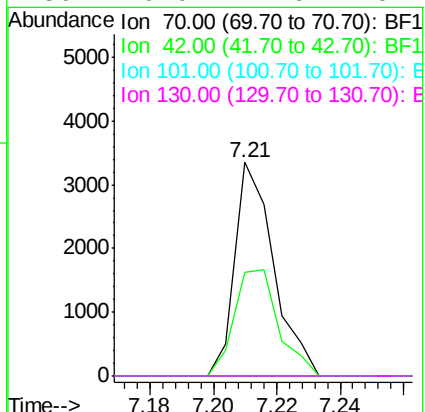
Ion Ratio Lower Upper

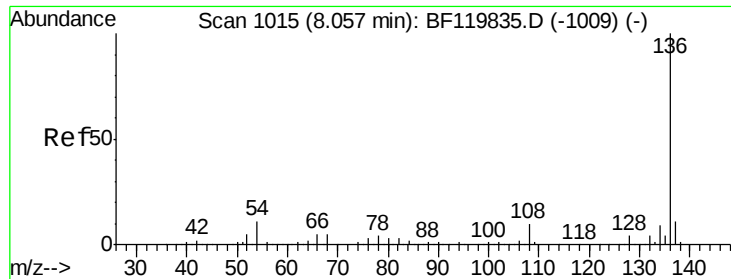
70 100

42 48.3 54.5 81.7#

101 0.0 7.6 11.4#

130 0.0 17.6 26.4#

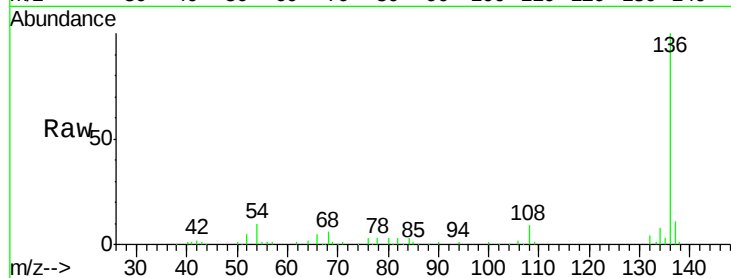




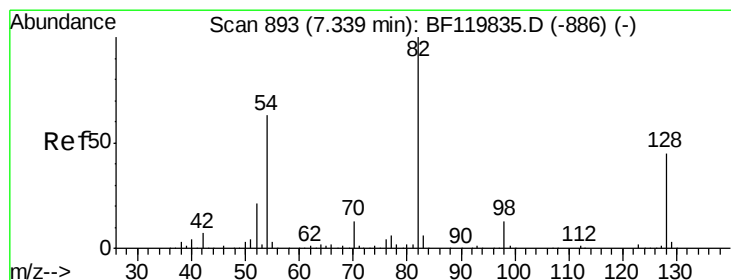
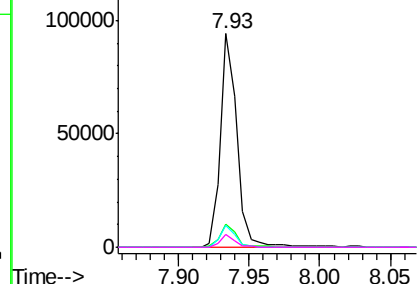
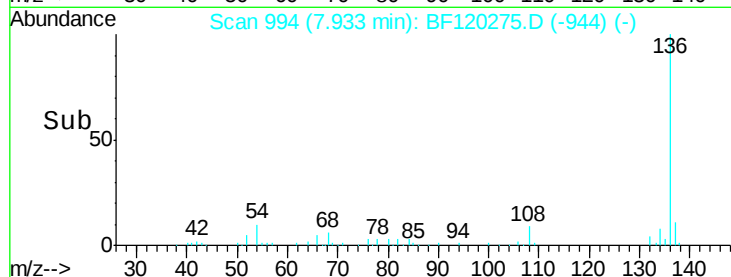
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.93 min Scan# 994
Delta R.T. -0.01 min
Lab File: BF120275.D
Acq: 1 May 2020 23:04

Instrument :
BNA_F
ClientSampleId :
SU-03-043020

Tot Ion:136 Resp: 77148
Ion Ratio Lower Upper
136 100
137 10.6 8.7 13.1
54 10.4 9.1 13.7
68 6.0 4.6 6.8

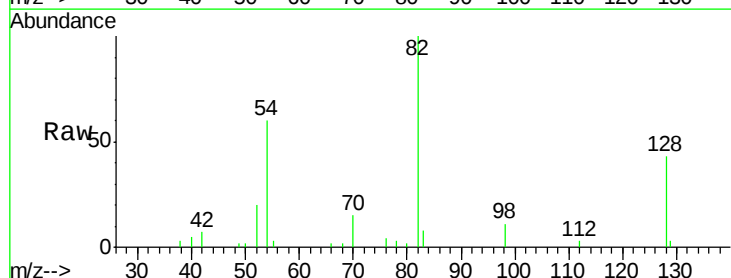


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

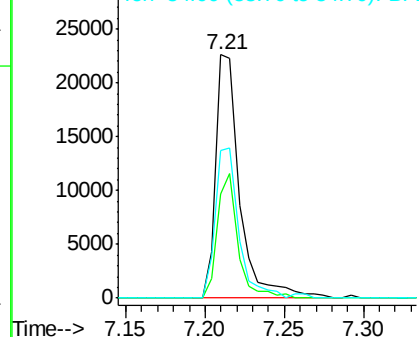
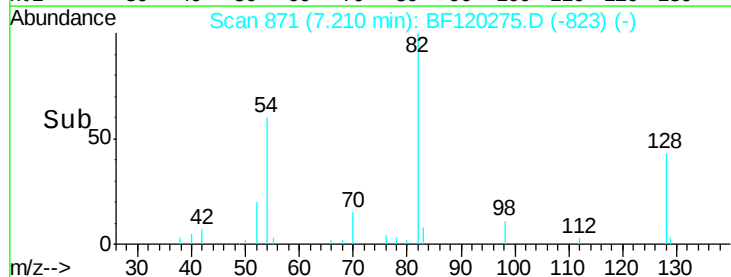


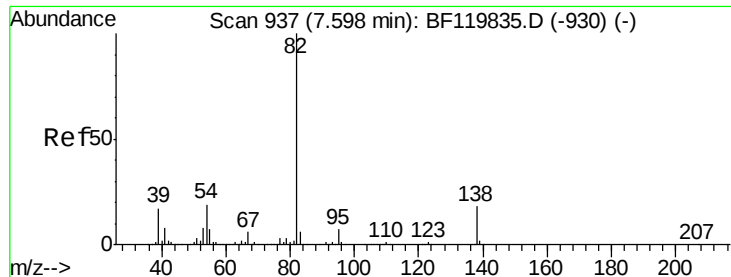
#23
Nitrobenzene-d5
Concen: 16.075 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.02 min
Lab File: BF120275.D
Acq: 1 May 2020 23:04

Tgt Ion: 82 Resp: 23972
Ion Ratio Lower Upper
82 100
128 42.9 36.3 54.5
54 60.5 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: 8.339 ng

RT: 7.21 min Scan# 871

Delta R.T. -0.28 min

Lab File: BF120275.D

Acq: 1 May 2020 23:04

Instrument :

BNA_F

ClientSampleId :

SU-03-043020

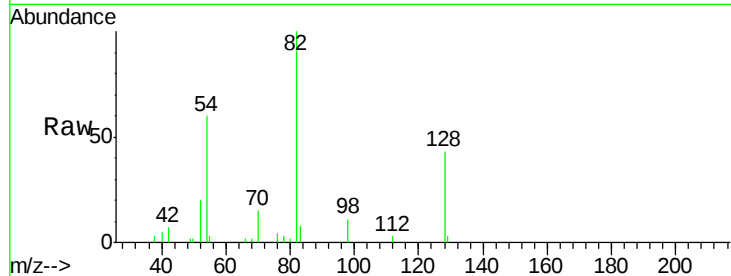
Tot Ion: 82 Resp: 23972

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

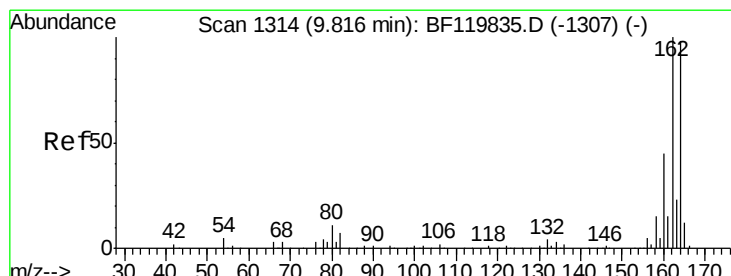
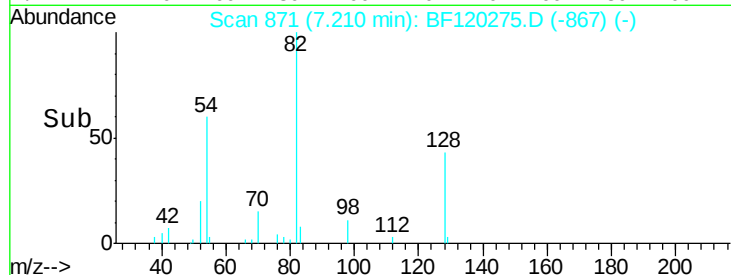
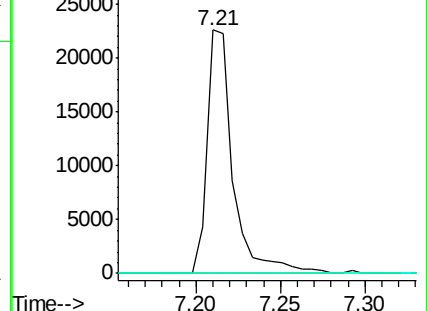
138 0.0 14.6 21.8#



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: 20.000 ng

RT: 9.69 min Scan# 1292

Delta R.T. -0.01 min

Lab File: BF120275.D

Acq: 1 May 2020 23:04

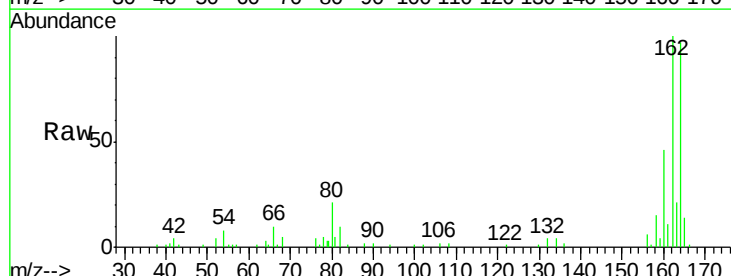
Tgt Ion:164 Resp: 34297

Ion Ratio Lower Upper

164 100

162 103.2 80.6 121.0

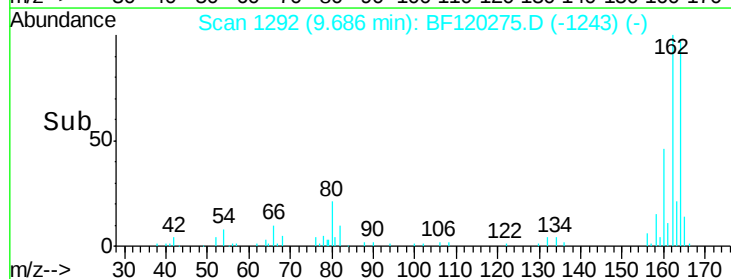
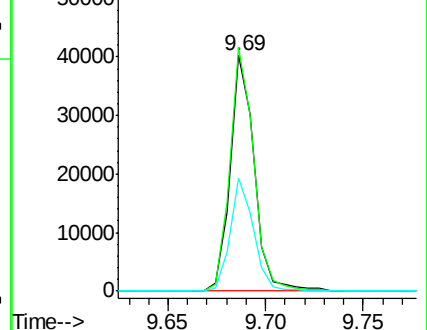
160 47.8 35.7 53.5

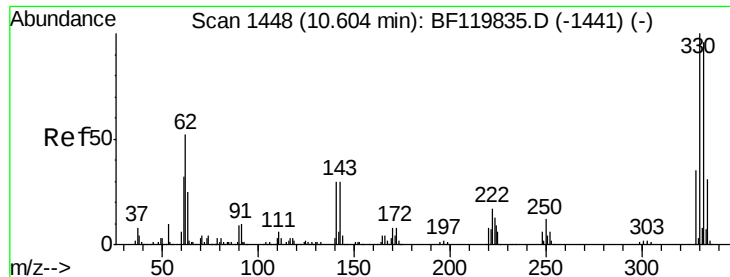


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

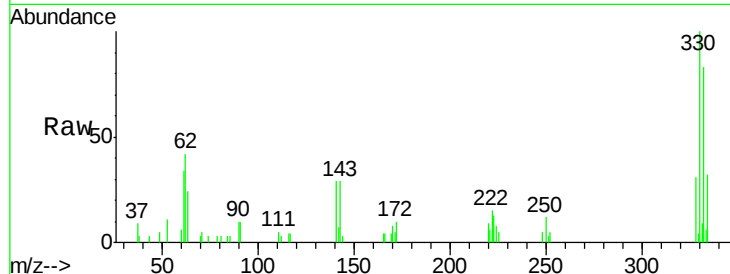




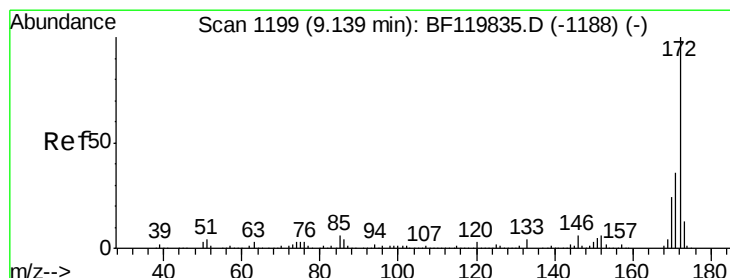
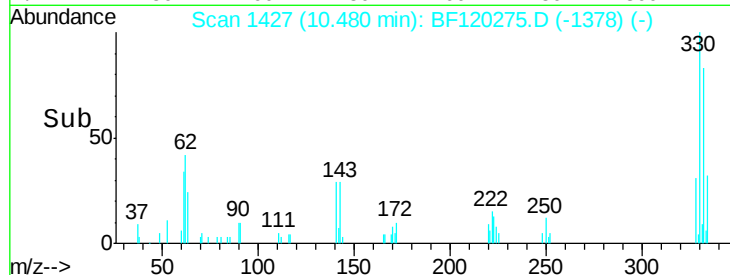
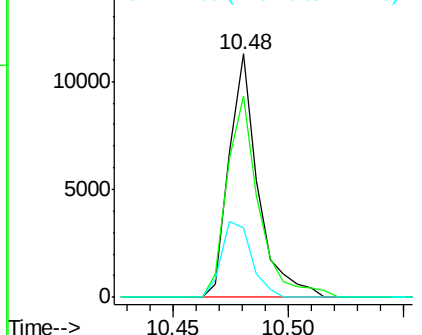
#42
 2,4,6-Tribromophenol
 Concen: 23.445 ng
 RT: 10.48 min Scan# 1427
 Delta R.T. -0.01 min
 Lab File: BF120275.D
 Acq: 1 May 2020 23:04

Instrument :
 BNA_F
 ClientSampleId :
 SU-03-043020

Tot Ion	Ratio	Lower	Upper
330	100		
332	90.6	75.7	113.5
141	32.5	25.4	38.0

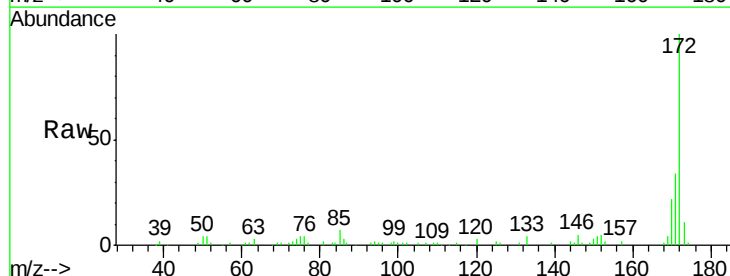


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

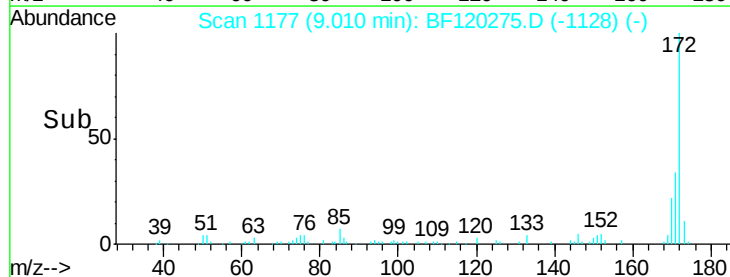
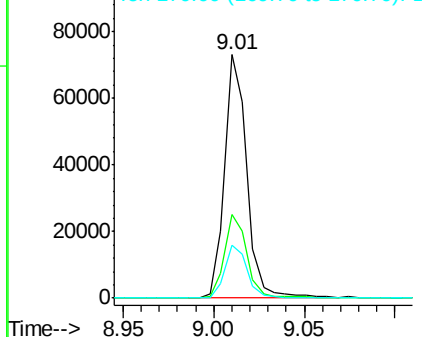


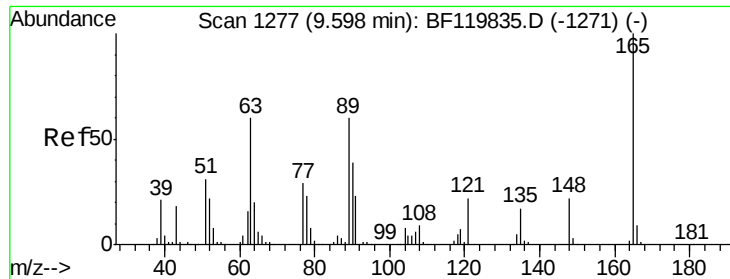
#45
 2-Fluorobiphenyl
 Concen: 25.894 ng
 RT: 9.01 min Scan# 1177
 Delta R.T. -0.01 min
 Lab File: BF120275.D
 Acq: 1 May 2020 23:04

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.1	29.6	44.4
170	21.9	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: 7.359 ng

RT: 9.69 min Scan# 1292

Delta R.T. 0.19 min

Lab File: BF120275.D

Acq: 1 May 2020 23:04

Instrument :

BNA_F

ClientSampleId :

SU-03-043020

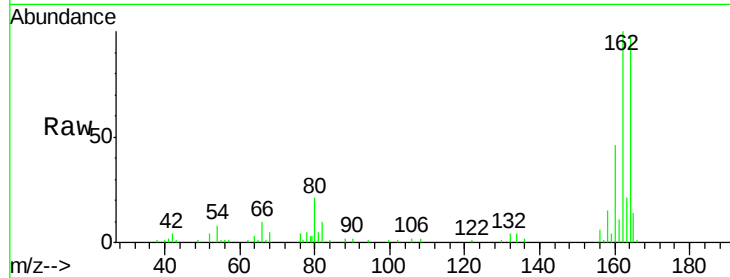
Tot Ion:165 Resp: 4275

Ion Ratio Lower Upper

165 100

63 0.0 45.0 67.4#

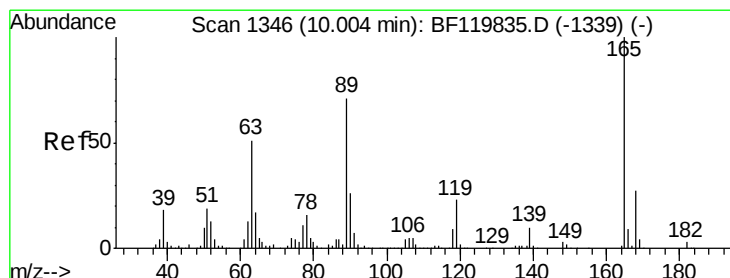
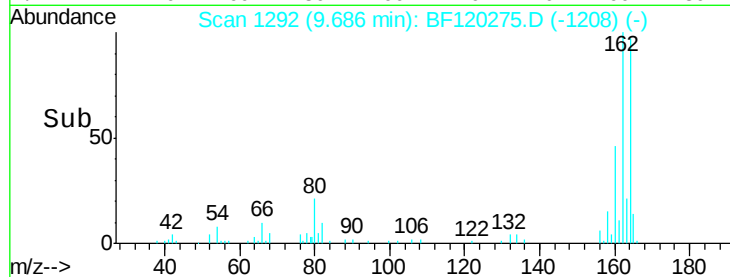
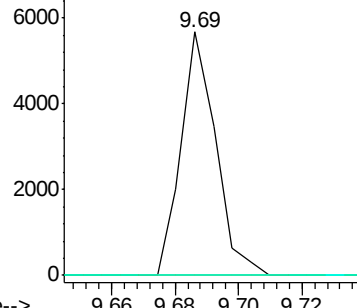
89 0.0 41.5 62.3#



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: 5.585 ng

RT: 9.69 min Scan# 1292

Delta R.T. -0.21 min

Lab File: BF120275.D

Acq: 1 May 2020 23:04

Tgt Ion:165 Resp: 4275

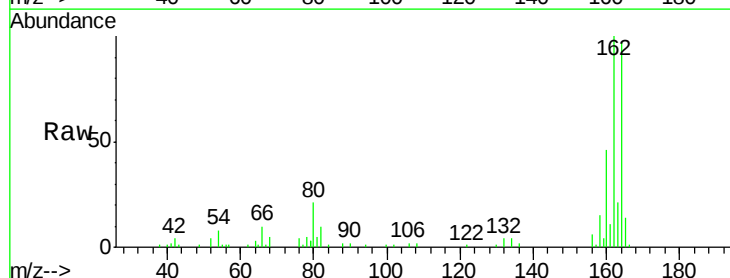
Ion Ratio Lower Upper

165 100

63 0.0 42.6 64.0#

89 0.0 61.0 91.4#

182 0.0 2.2 3.2#

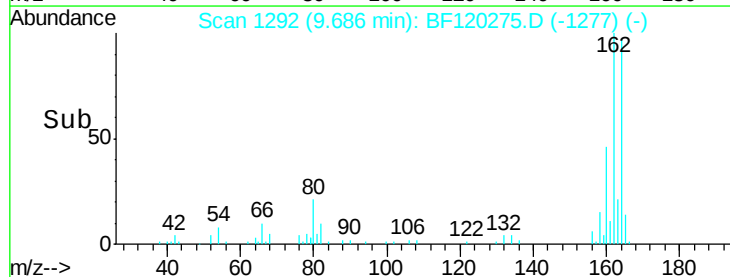
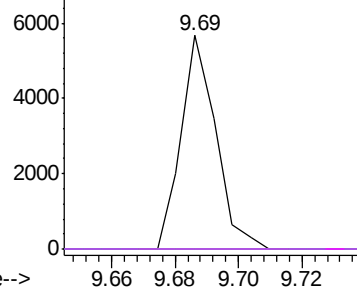


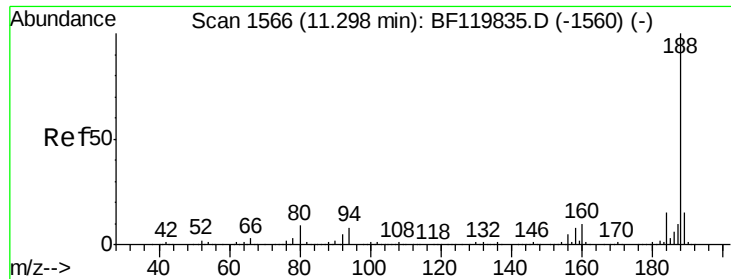
Abundance Ion 165.00 (164.70 to 165.70): E

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: 20.000 ng

RT: 11.17 min Scan# 1545

Delta R.T. -0.01 min

Lab File: BF120275.D

Acq: 1 May 2020 23:04

Instrument :

BNA_F

ClientSampleId :

SU-03-043020

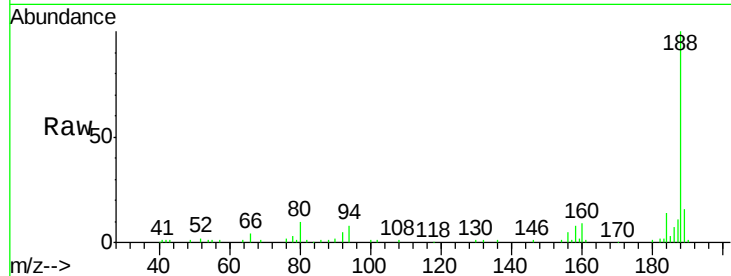
Tot Ion:188 Resp: 59609

Ion Ratio Lower Upper

188 100

94 8.4 7.5 11.3

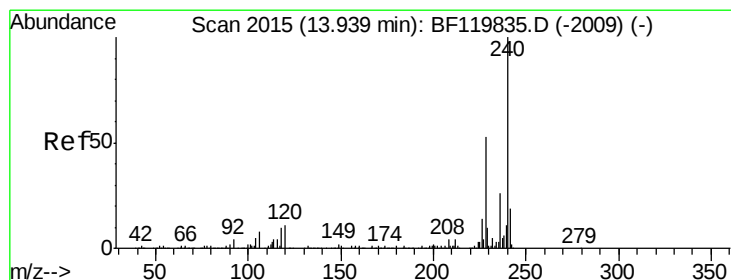
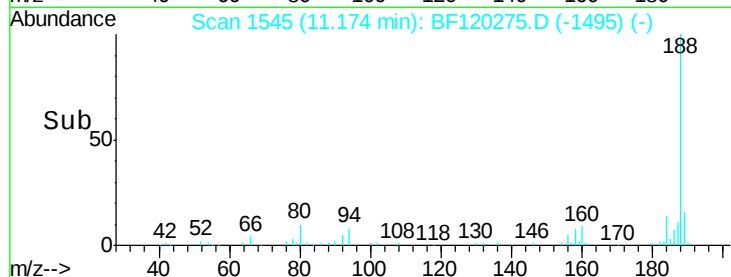
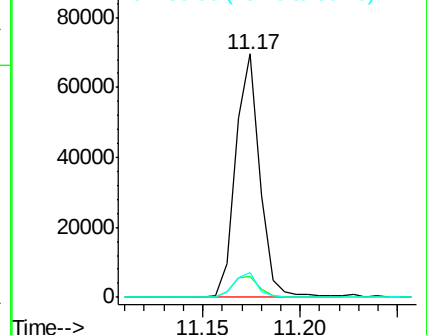
80 10.3 9.0 13.4



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.82 min Scan# 1994

Delta R.T. -0.01 min

Lab File: BF120275.D

Acq: 1 May 2020 23:04

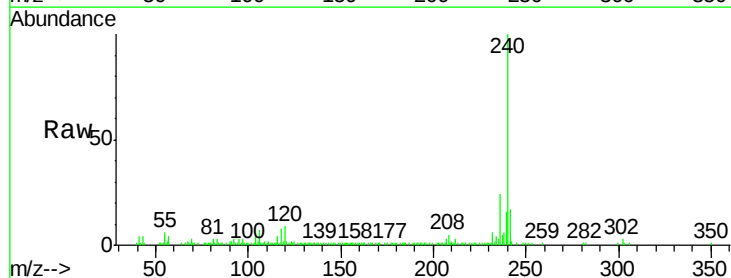
Tgt Ion:240 Resp: 54691

Ion Ratio Lower Upper

240 100

120 9.1 10.6 15.8#

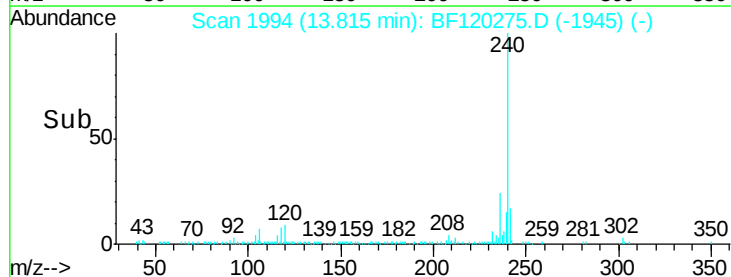
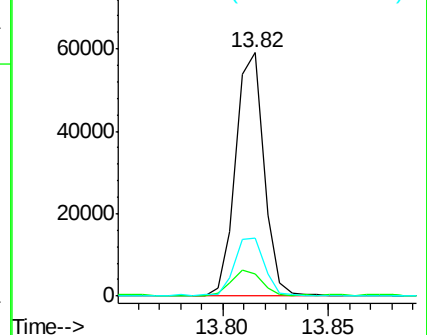
236 23.8 20.2 30.2

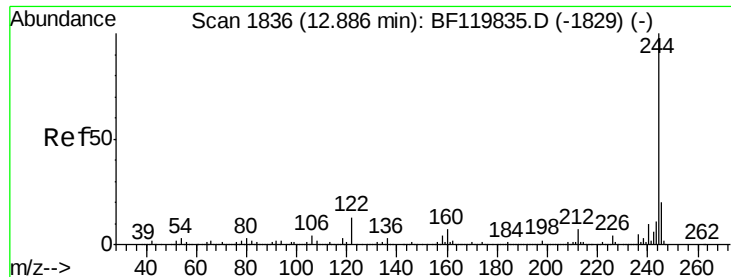


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 18.808 ng

RT: 12.76 min Scan# 1815

Delta R.T. -0.01 min

Lab File: BF120275.D

Acq: 1 May 2020 23:04

Instrument :

BNA_F

ClientSampleId :

SU-03-043020

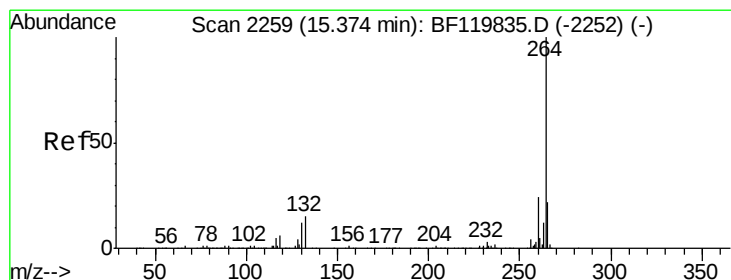
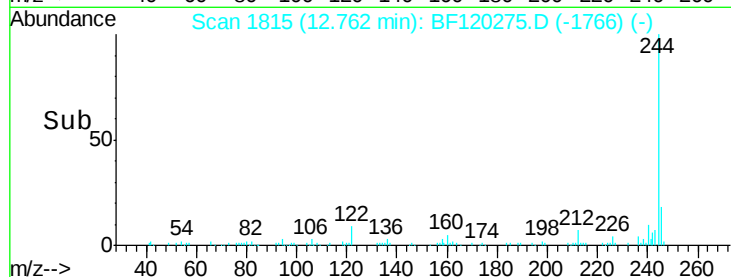
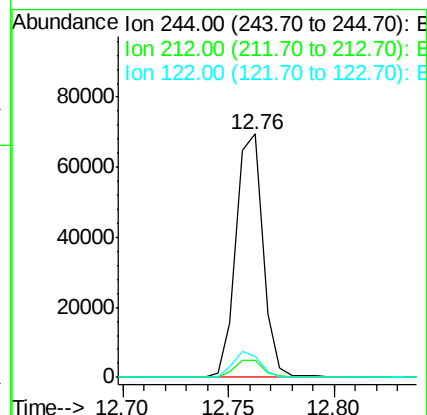
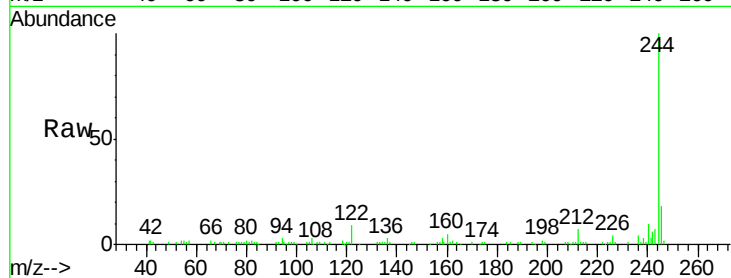
Tot Ion:244 Resp: 61130

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.8

122 8.7 10.3 15.5#



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.22 min Scan# 2232

Delta R.T. -0.01 min

Lab File: BF120275.D

Acq: 1 May 2020 23:04

Tgt Ion:264 Resp: 54083

Ion Ratio Lower Upper

264 100

260 24.0 18.7 28.1

265 21.1 17.7 26.5

