

Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF042420\
 Data File : BF120203.D
 Acq On : 24 Apr 2020 15:40
 Operator : MA/SJ
 Sample : L2378-11
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-2-S

Quant Time: Apr 24 16:30:25 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 24 10:24:30 2020
 Response via : Initial Calibration

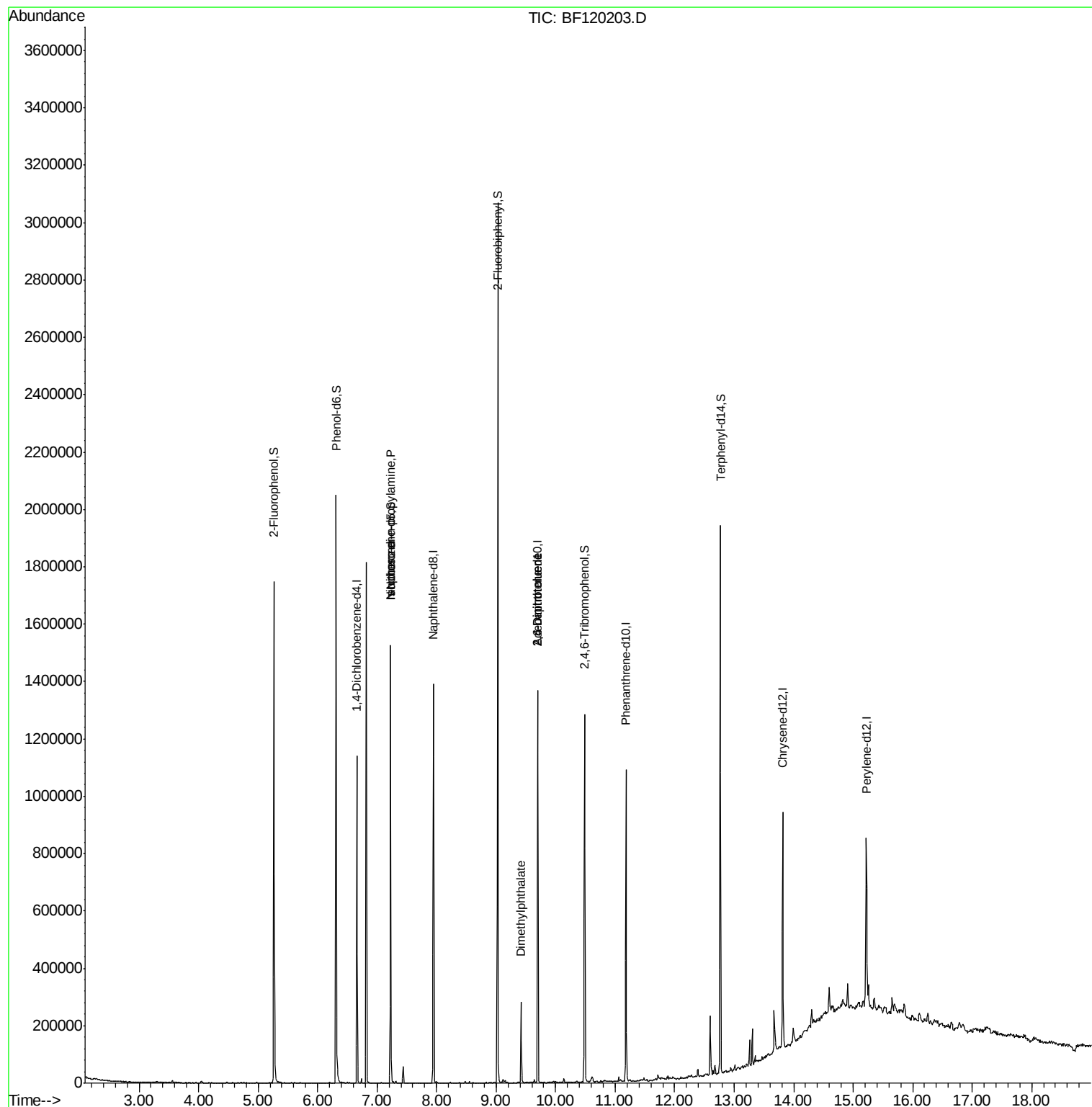
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	150173	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	574450	20.00	ng	0.00
39) Acenaphthene-d10	9.70	164	264419	20.00	ng	0.00
64) Phenanthrene-d10	11.18	188	391463	20.00	ng	0.00
76) Chrysene-d12	13.82	240	281243	20.00	ng	-0.01
87) Perylene-d12	15.22	264	244834	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	441990	50.86	ng	0.00
7) Phenol-d6	6.31	99	615915	55.01	ng	0.00
23) Nitrobenzene-d5	7.23	82	428834	38.62	ng	-0.01
42) 2,4,6-Tribromophenol	10.49	330	128874	39.81	ng	-0.01
45) 2-Fluorobiphenyl	9.03	172	855473	45.93	ng	0.00
79) Terphenyl-d14	12.77	244	638154	38.18	ng	0.00
Target Compounds						
9) Benzaldehyde	6.31	77	738	Below Cal		Qvalue
19) n-Nitroso-di-n-propylamine	7.23	70	55184	7.664 ng	#	1
25) Isophorone	7.23	82	426903	19.944 ng	#	77
50) Dimethylphthalate	9.42	163	99826	4.881 ng	#	65
51) 2,6-Dinitrotoluene	9.70	165	33646	7.512 ng	#	99
57) 2,4-Dinitrotoluene	9.70	165	33646	5.702 ng	#	26
					#	20

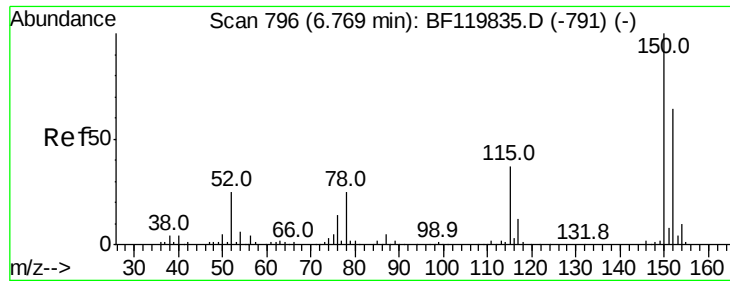
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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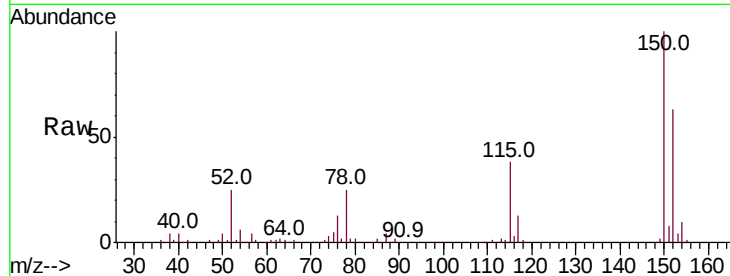


#1

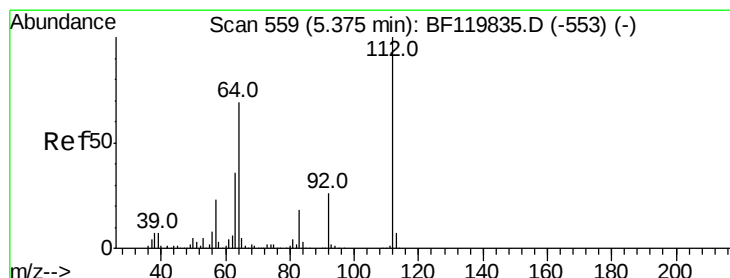
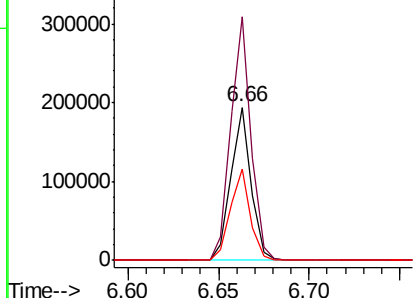
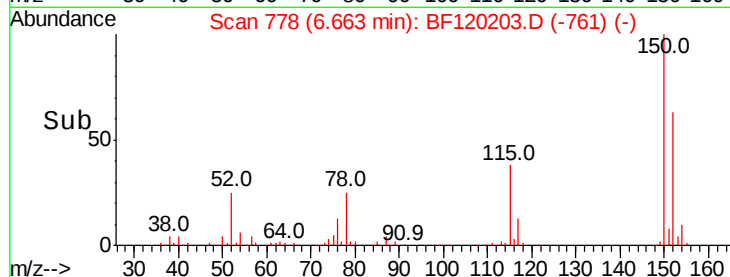
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.66 min Scan# 778
 Delta R.T. 0.00 min
 Lab File: BF120203.D
 Acq: 24 Apr 2020 15:40

Instrument :
 BNA_F
 ClientSampleId :
 TP-2-S

Tot Ion:152 Resp: 150173
 Ion Ratio Lower Upper
 152 100
 150 159.1 124.5 186.7
 115 59.8 49.6 74.4



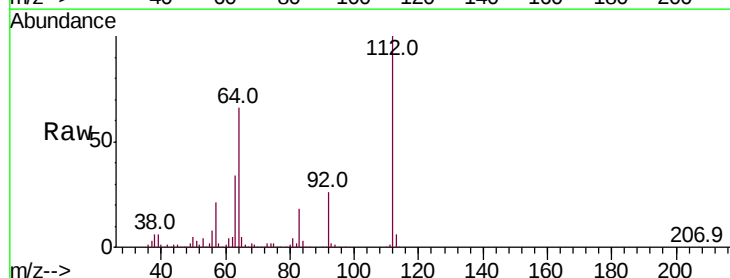
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



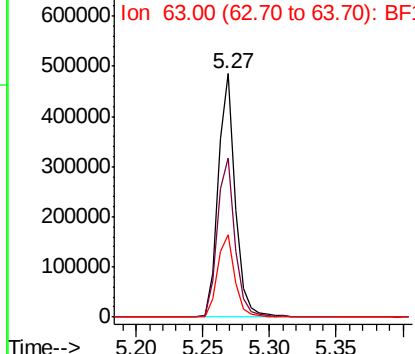
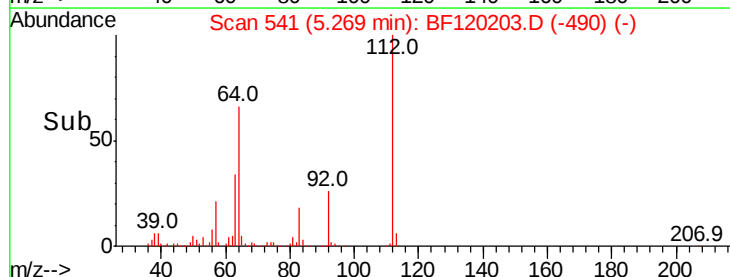
#5

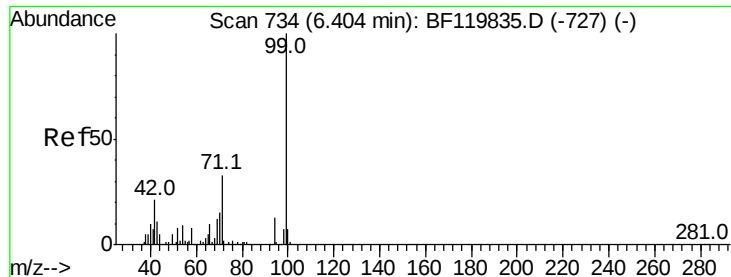
2-Fluorophenol
 Concen: 50.864 ng
 RT: 5.27 min Scan# 541
 Delta R.T. 0.00 min
 Lab File: BF120203.D
 Acq: 24 Apr 2020 15:40

Tgt Ion:112 Resp: 441990
 Ion Ratio Lower Upper
 112 100
 64 65.6 56.7 85.1
 63 33.6 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: 55.007 ng

RT: 6.31 min Scan# 718

Delta R.T. -0.01 min

Lab File: BF120203.D

Acq: 24 Apr 2020 15:40

Instrument :

BNA_F

ClientSampleId :

TP-2-S

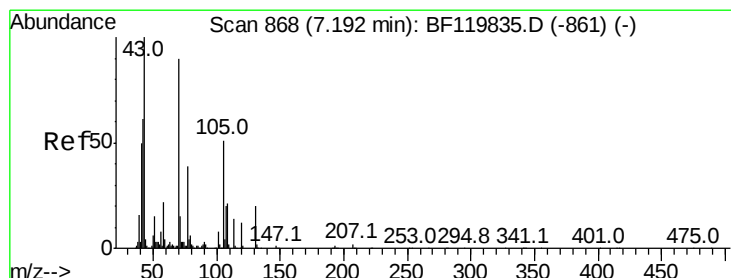
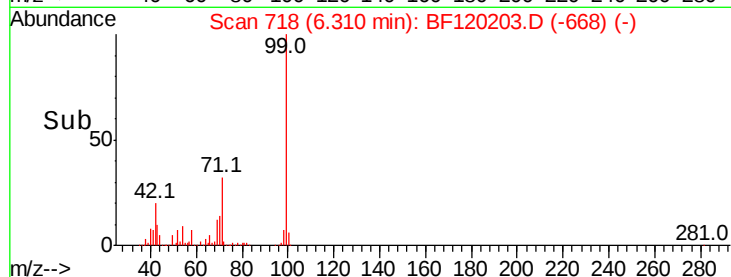
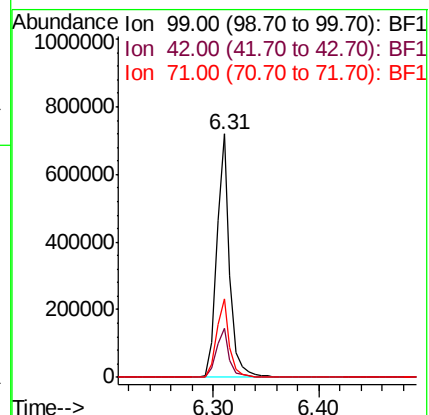
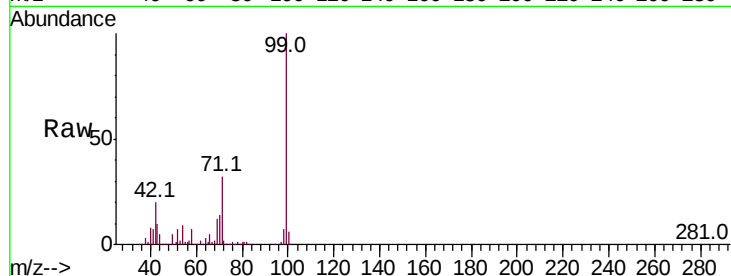
Tot Ion: 99 Resp: 615915

Ion Ratio Lower Upper

99 100

42 19.9 16.6 24.8

71 32.4 26.4 39.6



#19

n-Nitroso-di-n-propylamine

Concen: 7.664 ng

RT: 7.23 min Scan# 874

Delta R.T. 0.14 min

Lab File: BF120203.D

Acq: 24 Apr 2020 15:40

Tgt Ion: 70 Resp: 55184

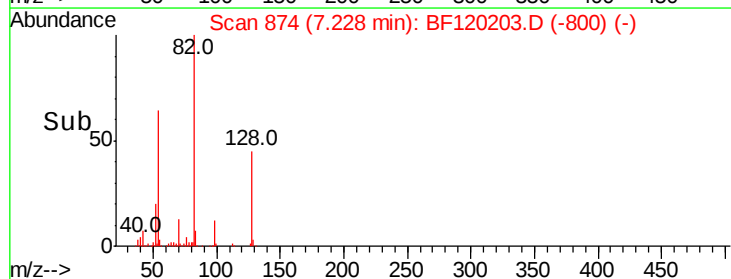
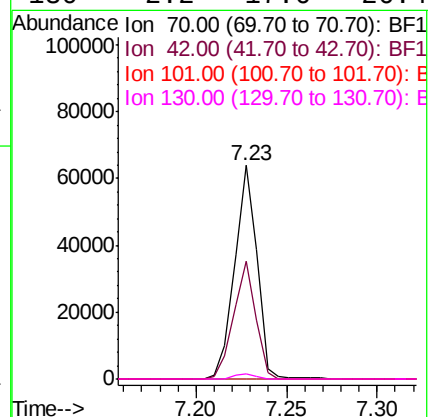
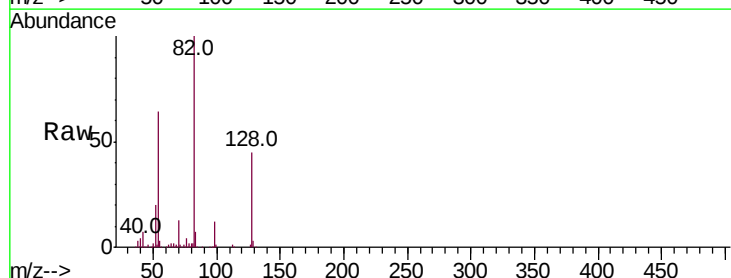
Ion Ratio Lower Upper

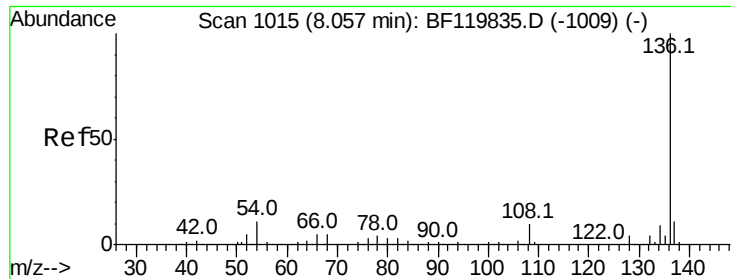
70 100

42 55.0 54.5 81.7

101 0.0 7.6 11.4#

130 2.2 17.6 26.4#

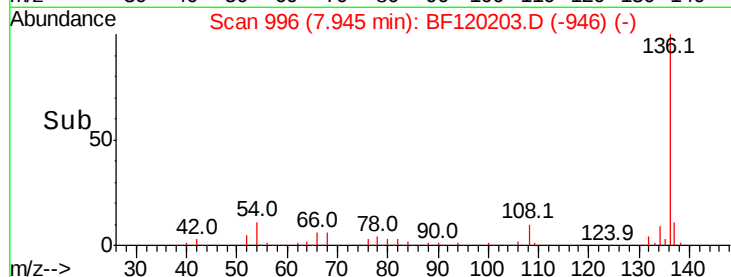
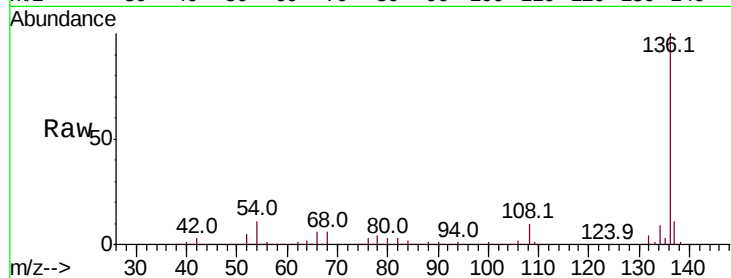




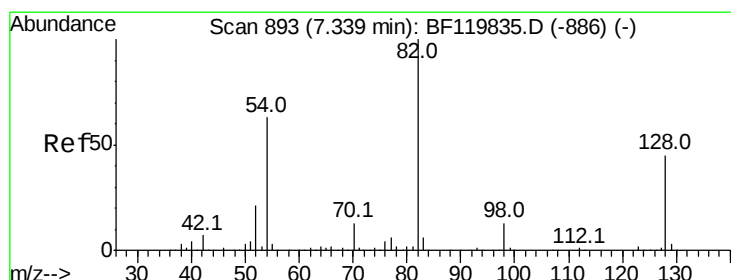
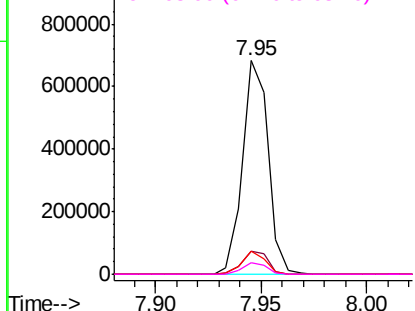
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.95 min Scan# 996
Delta R.T. -0.01 min
Lab File: BF120203.D
Acq: 24 Apr 2020 15:40

Instrument :
BNA_F
ClientSampleId :
TP-2-S

Tot Ion:	136	Resp:	574450
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	10.6	9.1	13.7
68	5.5	4.6	6.8

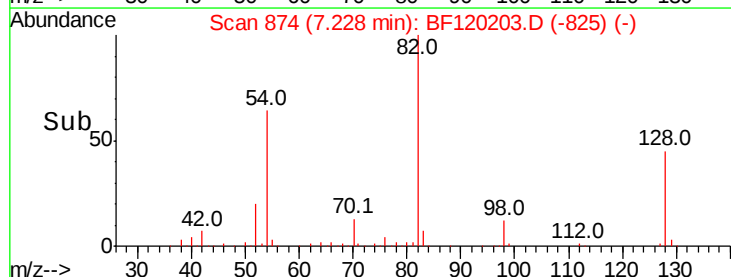
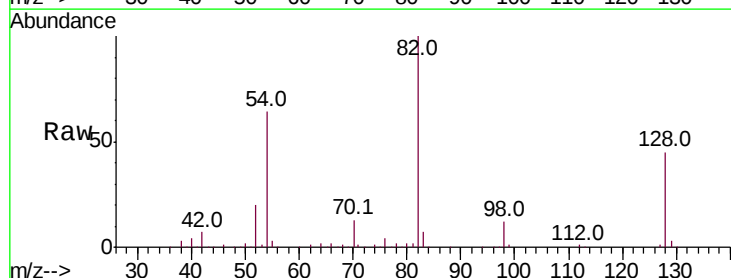


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

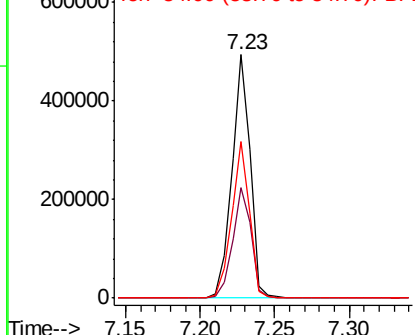


#23
Nitrobenzene-d5
Concen: 38.620 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.01 min
Lab File: BF120203.D
Acq: 24 Apr 2020 15:40

Tgt Ion:	82	Resp:	428834
Ion	Ratio	Lower	Upper
82	100		
128	45.5	36.3	54.5
54	64.2	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: 19.944 ng

RT: 7.23 min Scan# 874

Delta R.T. -0.27 min

Lab File: BF120203.D

Acq: 24 Apr 2020 15:40

Instrument :

BNA_F

ClientSampleId :

TP-2-S

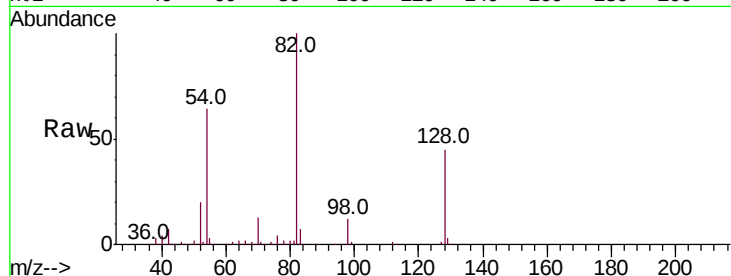
Tot Ion: 82 Resp: 426903

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

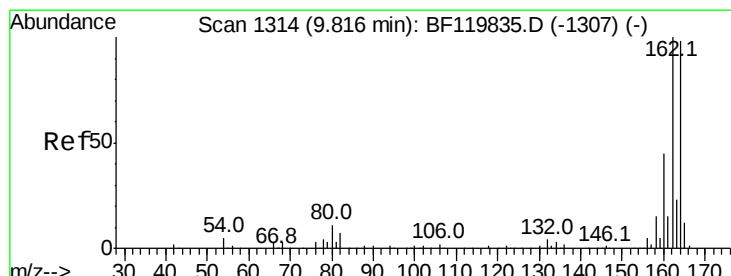
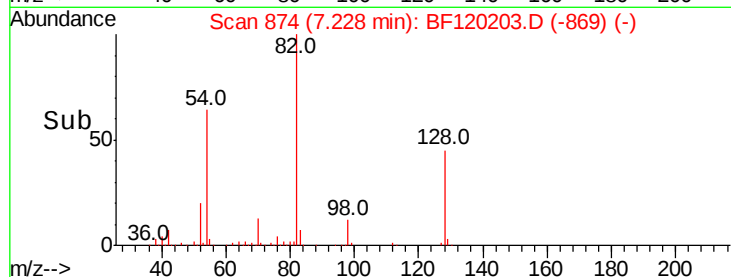
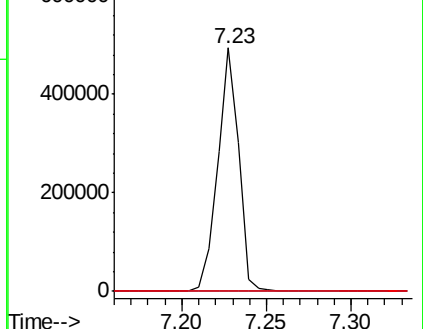
138 0.0 14.6 21.8#



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: 9.70 min Scan# 1294

Delta R.T. -0.01 min

Lab File: BF120203.D

Acq: 24 Apr 2020 15:40

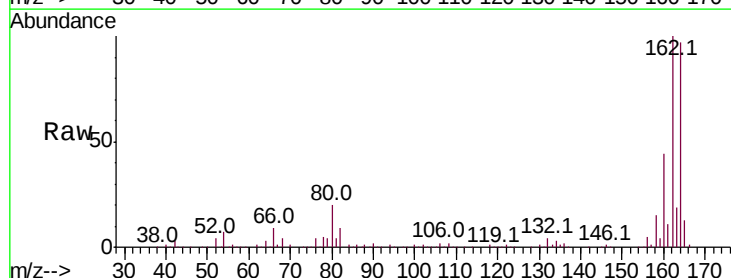
Tgt Ion:164 Resp: 264419

Ion Ratio Lower Upper

164 100

162 103.0 80.6 121.0

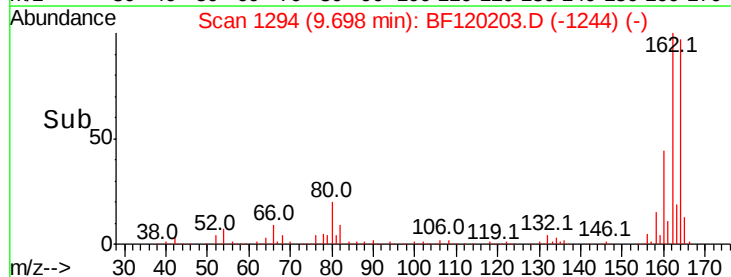
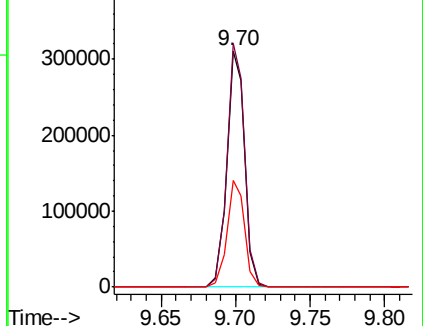
160 45.4 35.7 53.5

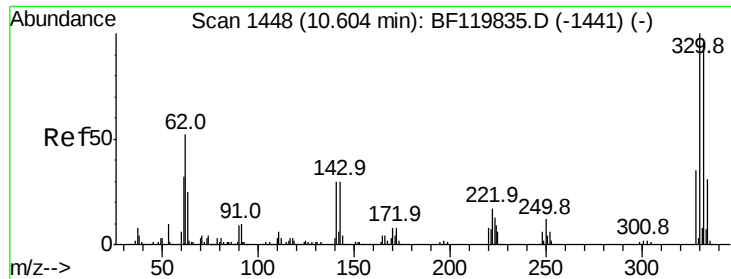


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

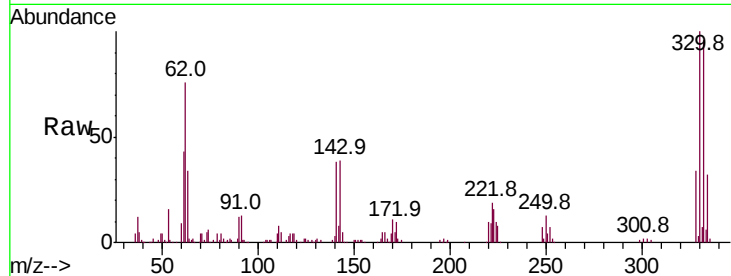




#42
 2,4,6-Tribromophenol
 Concen: 39.808 ng
 RT: 10.49 min Scan# 1428
 Delta R.T. -0.01 min
 Lab File: BF120203.D
 Acq: 24 Apr 2020 15:40

Instrument :
 BNA_F
 ClientSampleId :
 TP-2-S

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.2	75.7	113.5
141	34.4	25.4	38.0

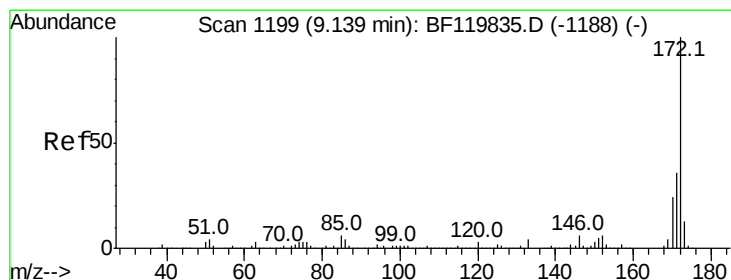
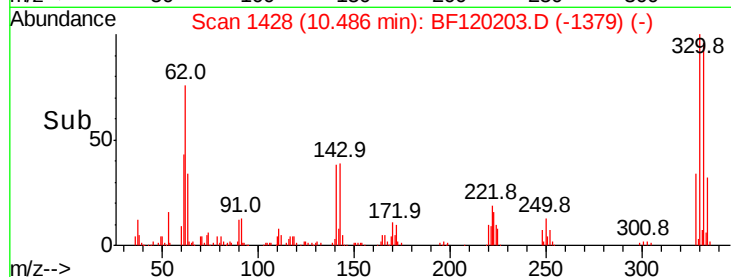
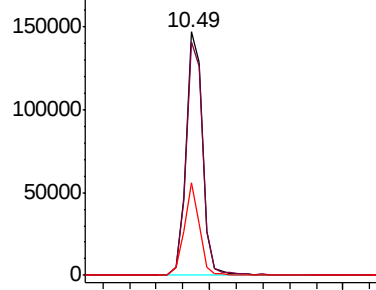


Abundance

Ion 329.80 (329.50 to 330.50): E

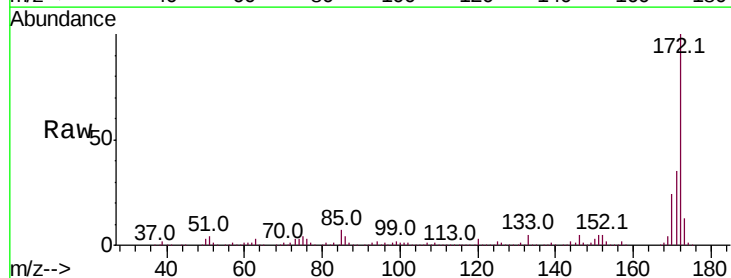
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 45.934 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. -0.01 min
 Lab File: BF120203.D
 Acq: 24 Apr 2020 15:40

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.1	29.6	44.4
170	24.2	20.2	30.2

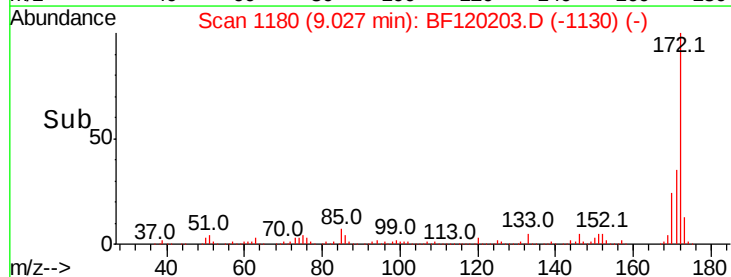
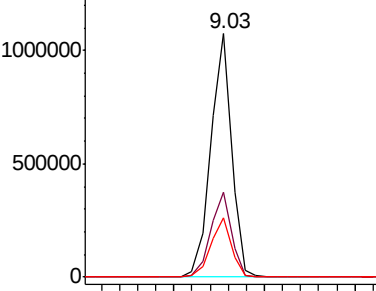


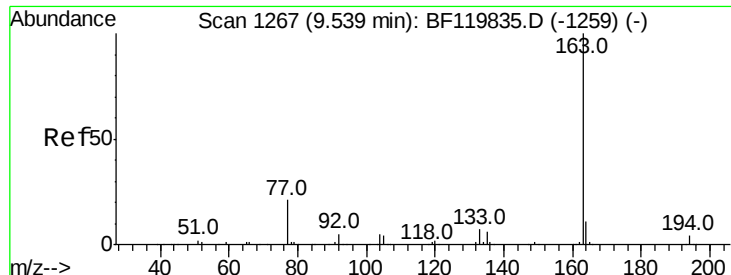
Abundance

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: 4.881 ng

RT: 9.42 min Scan# 1247

Delta R.T. -0.02 min

Lab File: BF120203.D

Acq: 24 Apr 2020 15:40

Instrument :

BNA_F

ClientSampleId :

TP-2-S

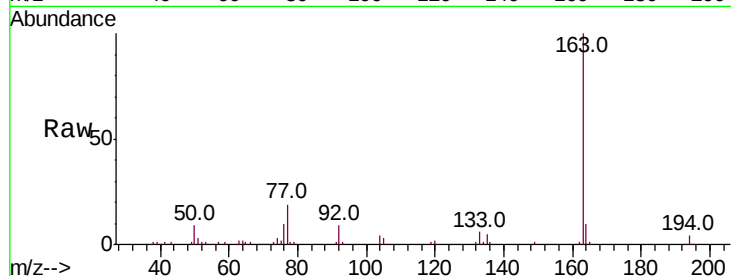
Tot Ion:163 Resp: 99826

Ion Ratio Lower Upper

163 100

194 3.6 3.1 4.7

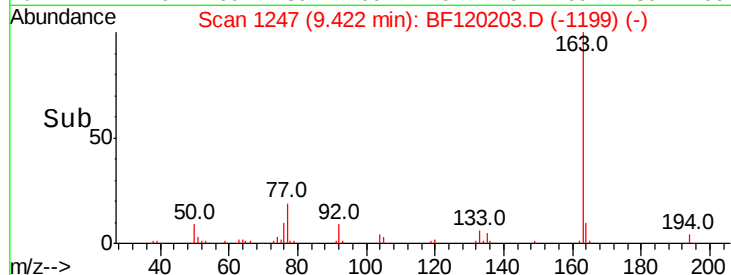
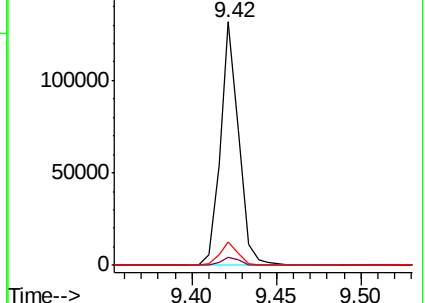
164 9.8 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#51

2,6-Dinitrotoluene

Concen: 7.512 ng

RT: 9.70 min Scan# 1294

Delta R.T. 0.20 min

Lab File: BF120203.D

Acq: 24 Apr 2020 15:40

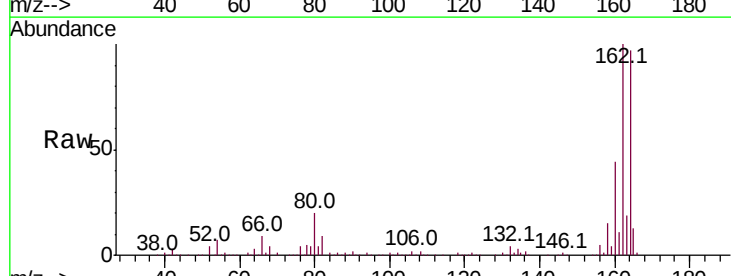
Tgt Ion:165 Resp: 33646

Ion Ratio Lower Upper

165 100

63 1.8 45.0 67.4#

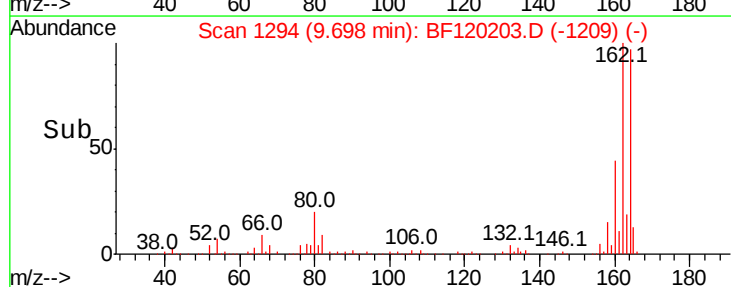
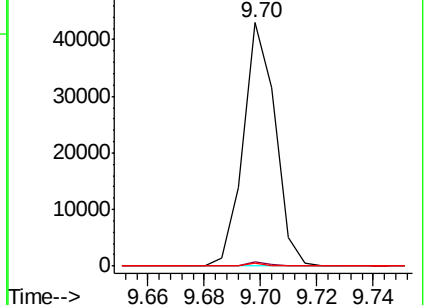
89 1.0 41.5 62.3#

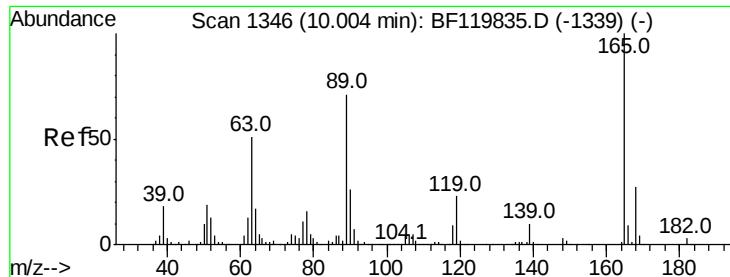


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

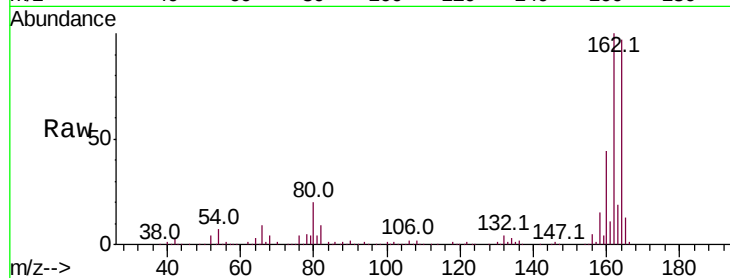




#57
 2,4-Dinitrotoluene
 Concen: 5.702 ng
 RT: 9.70 min Scan# 1294
 Delta R.T. -0.21 min
 Lab File: BF120203.D
 Acq: 24 Apr 2020 15:40

Instrument :
 BNA_F
 ClientSampleId :
 TP-2-S

Tot Ion:165	Resp:	33646
Ion Ratio	Lower	Upper
165	100	
63	1.8	42.6 64.0#
89	1.0	61.0 91.4#
182	0.0	2.2 3.2#

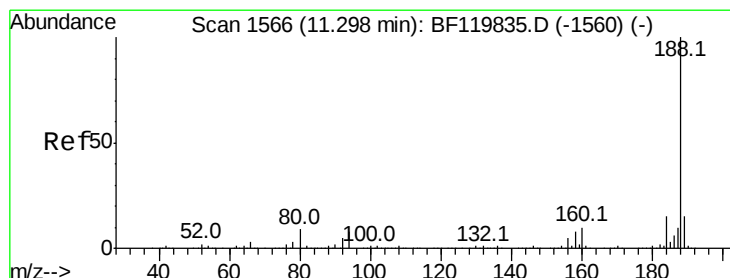
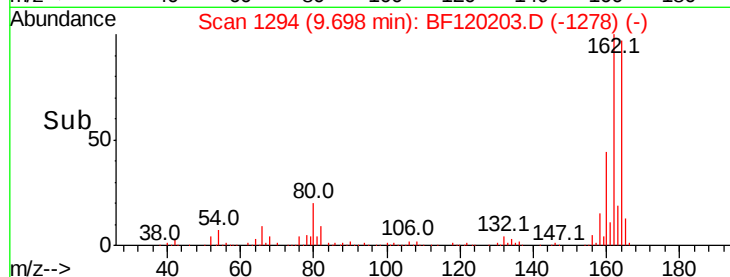
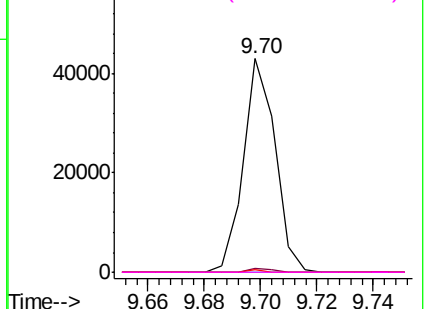


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

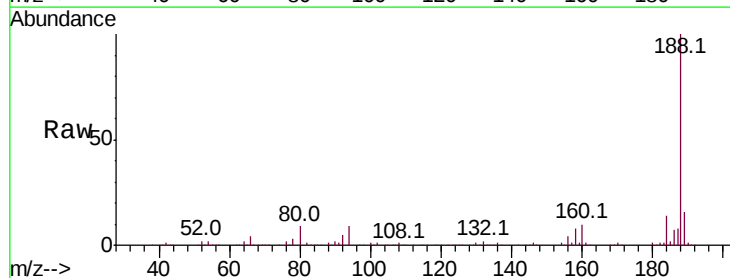
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.18 min Scan# 1546
 Delta R.T. -0.01 min
 Lab File: BF120203.D
 Acq: 24 Apr 2020 15:40

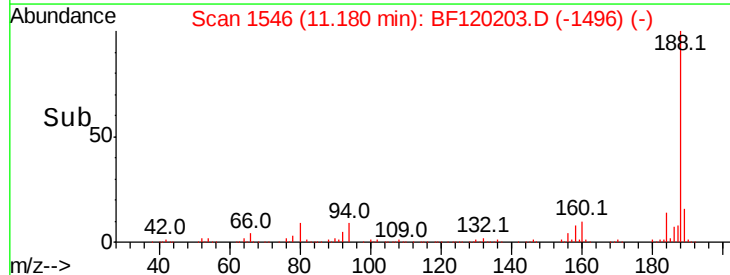
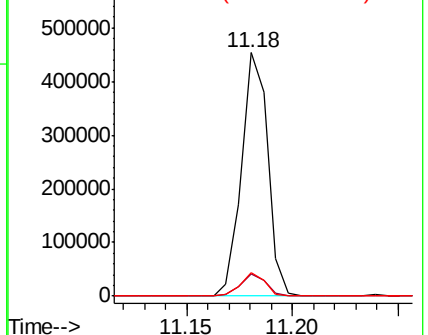
Tgt Ion:188	Resp:	391463
Ion Ratio	Lower	Upper
188	100	
94	9.4	7.5 11.3
80	9.4	9.0 13.4

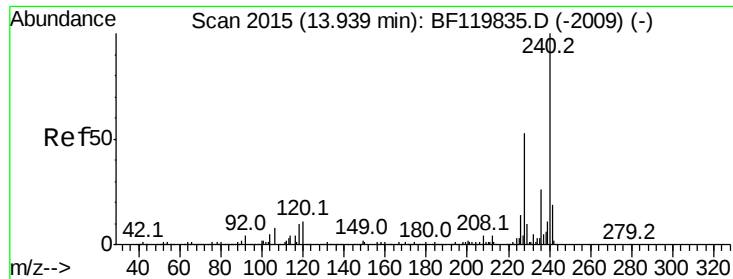


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

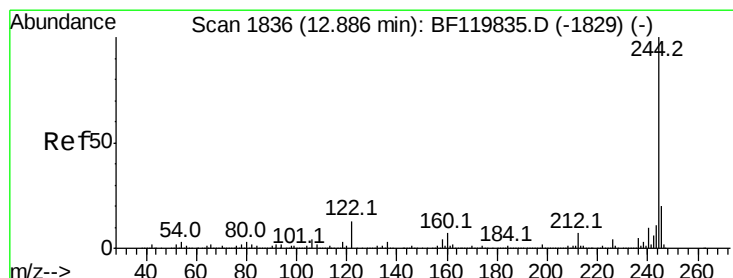
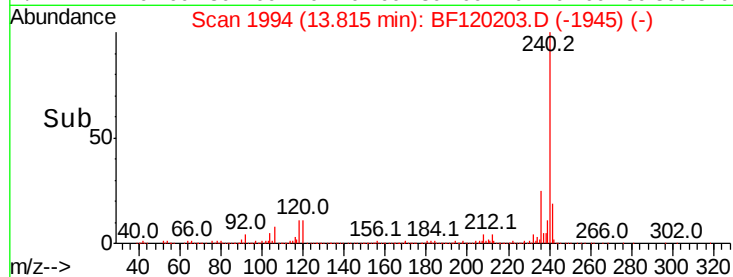
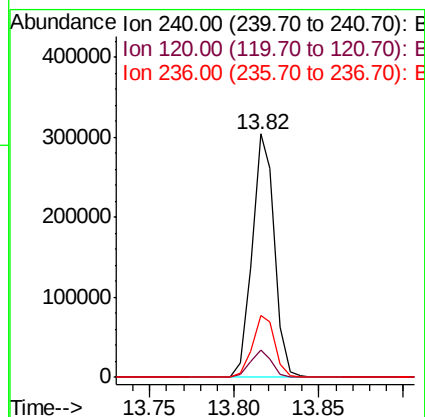
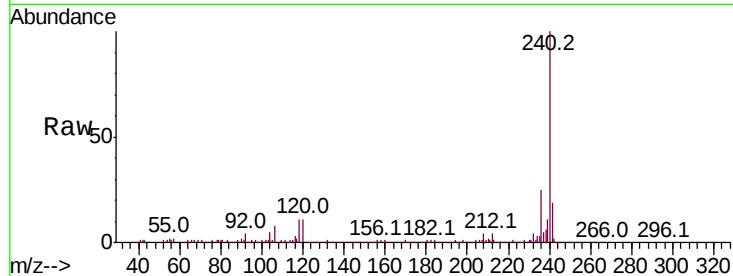




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 13.82 min Scan# 1994
 Delta R.T. -0.01 min
 Lab File: BF120203.D
 Acq: 24 Apr 2020 15:40

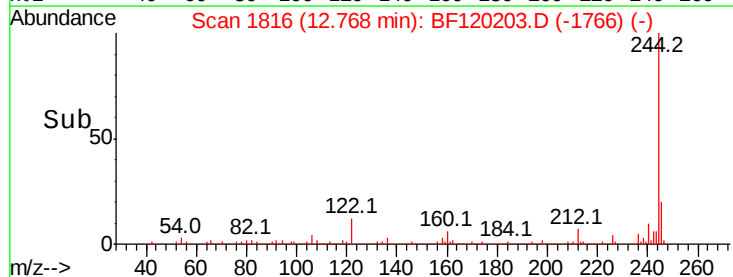
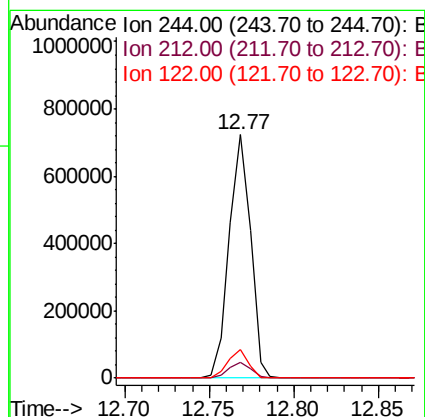
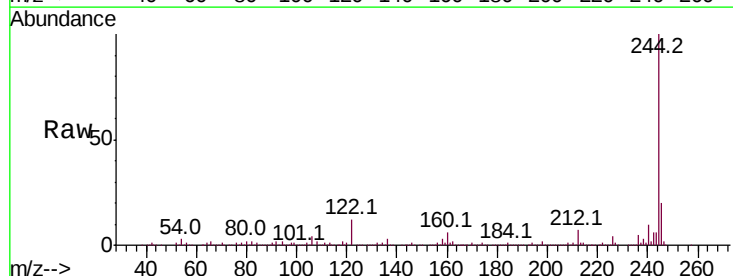
Instrument :
 BNA_F
 ClientSampleId :
 TP-2-S

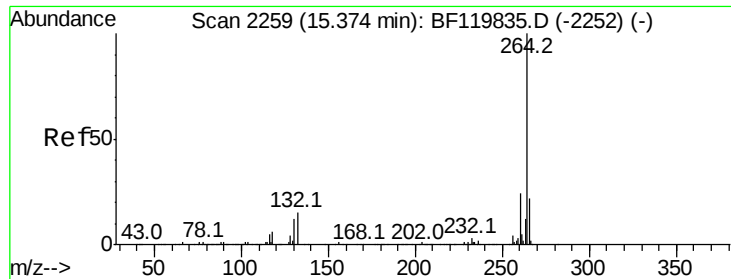
Tot Ion:240 Resp: 281243
 Ion Ratio Lower Upper
 240 100
 120 11.1 10.6 15.8
 236 25.5 20.2 30.2



#79
 Terphenyl-d14
 Concen: 38.180 ng
 RT: 12.77 min Scan# 1816
 Delta R.T. -0.01 min
 Lab File: BF120203.D
 Acq: 24 Apr 2020 15:40

Tgt Ion:244 Resp: 638154
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.8 8.8
 122 11.7 10.3 15.5





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.22 min Scan# 2233
 Delta R.T. 0.00 min
 Lab File: BF120203.D
 Acq: 24 Apr 2020 15:40

Instrument :
 BNA_F
 ClientSampleId :
 TP-2-S

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.7	28.1
265	21.1	17.7	26.5

