

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041520\
 Data File : BF120002.D
 Acq On : 15 Apr 2020 19:06
 Operator : MA/SJ
 Sample : L2255-06
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-27-26-COMP

Quant Time: Apr 16 01:15:59 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 15 11:01:23 2020
 Response via : Initial Calibration

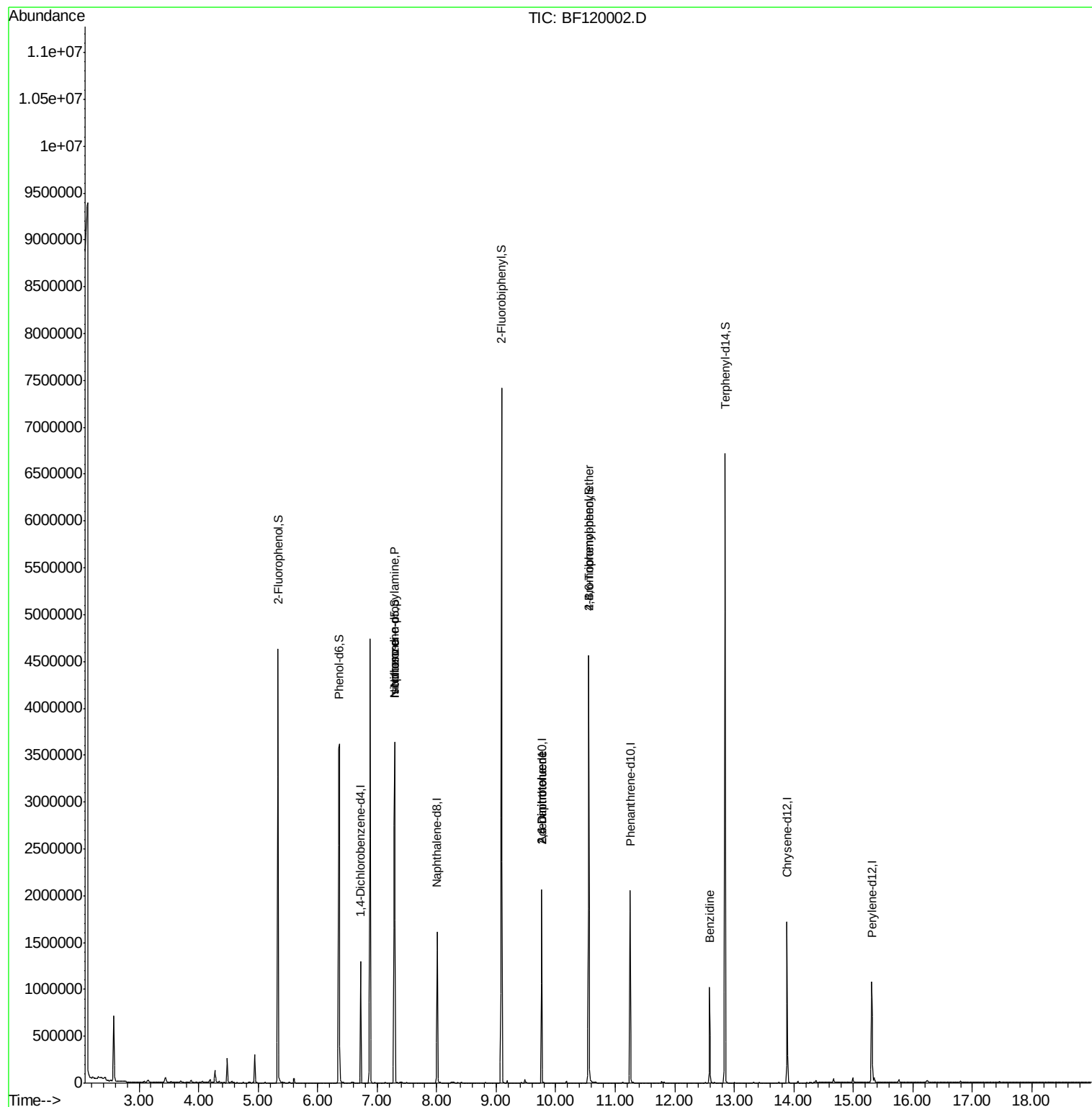
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	185222	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	711781	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	379566	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	766645	20.00	ng	0.00
76) Chrysene-d12	13.89	240	603995	20.00	ng	-0.01
87) Perylene-d12	15.31	264	470171	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	1353190	126.26	ng	0.00
7) Phenol-d6	6.36	99	1513036	109.56	ng	0.00
23) Nitrobenzene-d5	7.29	82	1248172	90.72	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	568529	122.34	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	2342712	87.63	ng	0.00
79) Terphenyl-d14	12.85	244	2873647	80.06	ng	0.00
Target Compounds						
9) Benzaldehyde	6.28	77	471	Below Cal	Qvalue	# 65
19) n-Nitroso-di-n-propylamine	7.29	70	163167	18.373 ng	#	74
25) Isophorone	7.29	82	1242762	46.857 ng	#	65
51) 2,6-Dinitrotoluene	9.76	165	48219	7.500 ng	#	19
57) 2,4-Dinitrotoluene	9.76	165	48219	5.693 ng	#	22
67) 4-Bromophenyl-phenylether	10.56	248	35183	3.690 ng	#	1
77) Benizidine	12.59	184	354406	17.359 ng		96

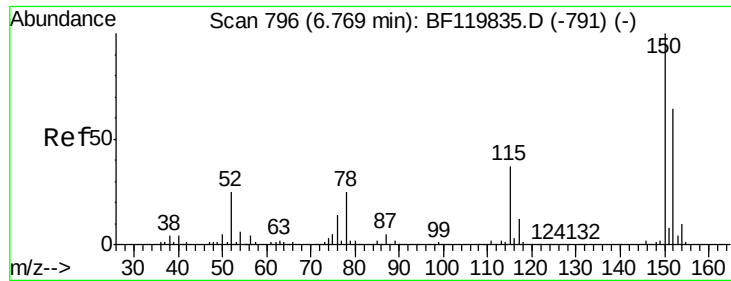
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041520\
Data File : BF120002.D
Acq On : 15 Apr 2020 19:06
Operator : MA/SJ
Sample : L2255-06
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-27-26-COMP

Quant Time: Apr 16 01:15:59 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 15 11:01:23 2020
Response via : Initial Calibration



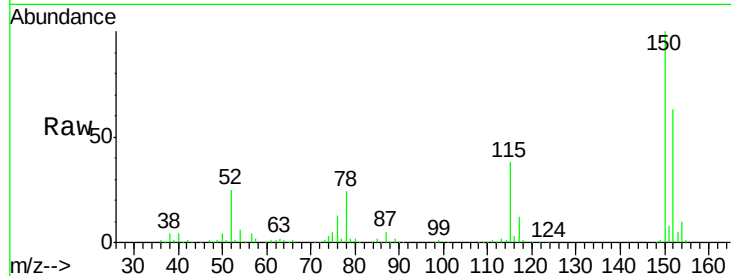


#1

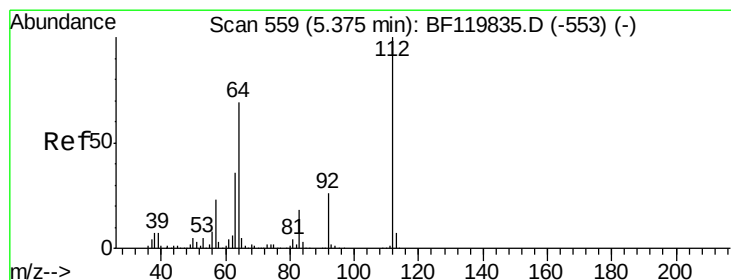
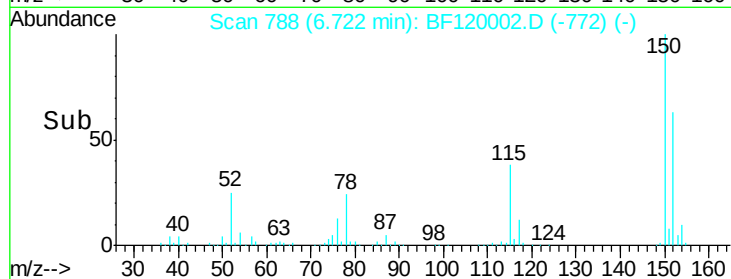
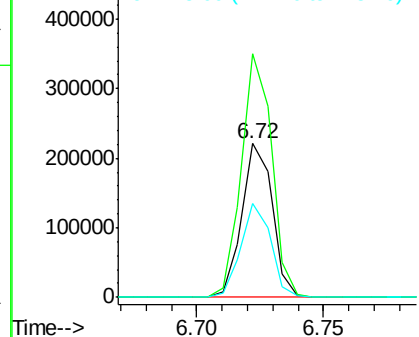
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF120002.D
Acq: 15 Apr 2020 19:06

Instrument :
BNA_F
ClientSampleId :
TP-27-26-COMP

Tot Ion:152 Resp: 185222
Ion Ratio Lower Upper
152 100
150 158.3 124.8 187.2
115 60.9 46.5 69.7



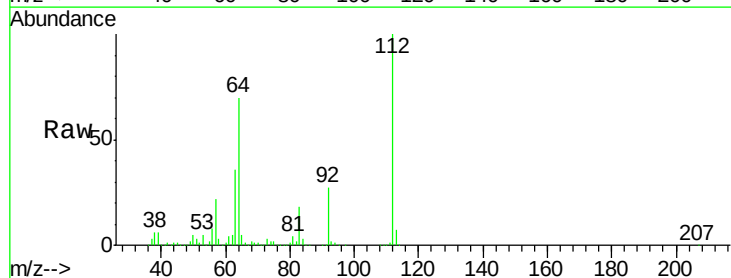
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



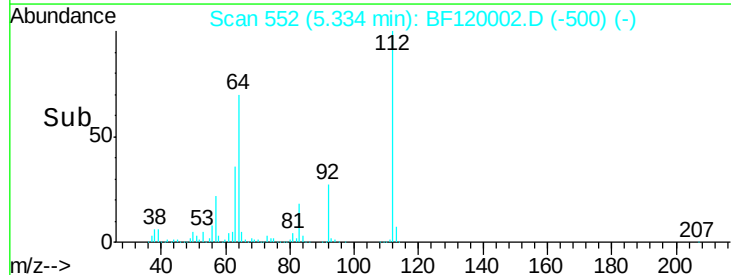
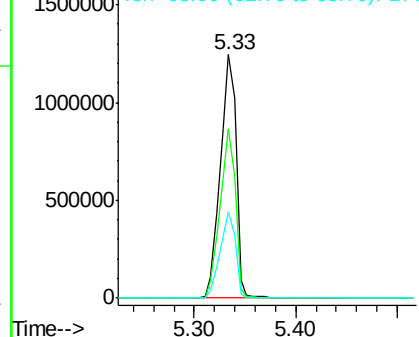
#5

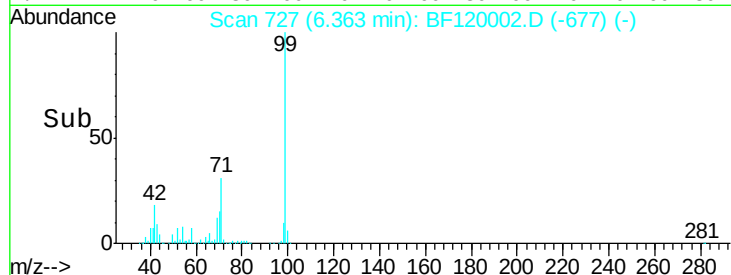
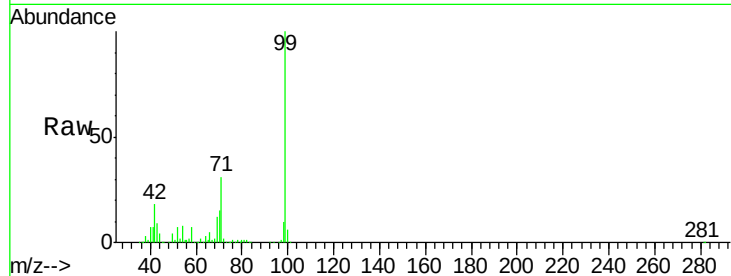
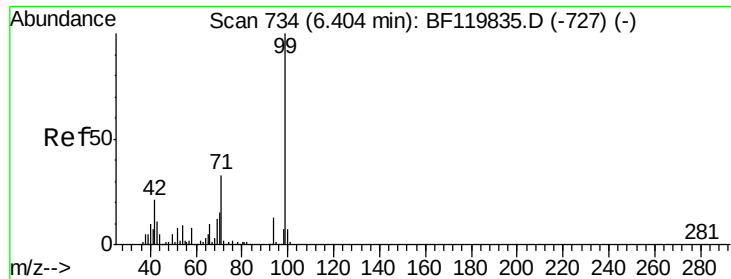
2-Fluorophenol
Concen: 126.257 ng
RT: 5.33 min Scan# 552
Delta R.T. 0.01 min
Lab File: BF120002.D
Acq: 15 Apr 2020 19:06

Tgt Ion:112 Resp: 1353190
Ion Ratio Lower Upper
112 100
64 69.6 55.5 83.3
63 35.6 29.1 43.7



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: 109.558 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF120002.D

Acq: 15 Apr 2020 19:06

Instrument :

BNA_F

ClientSampleId :

TP-27-26-COMP

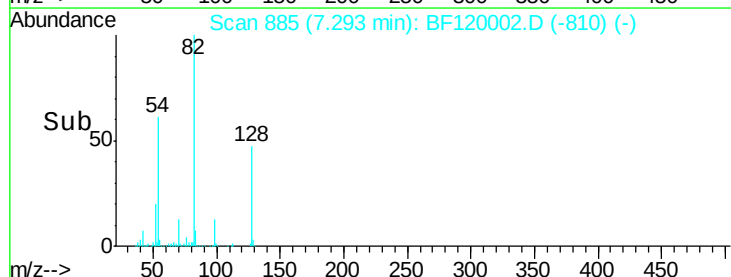
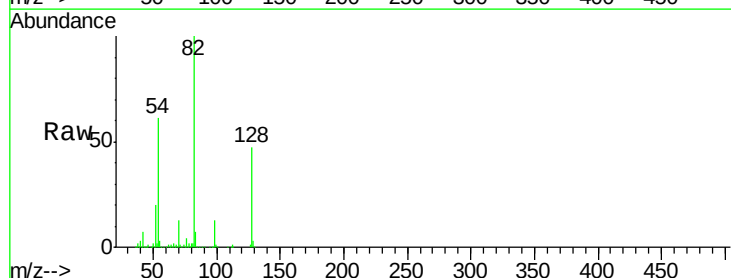
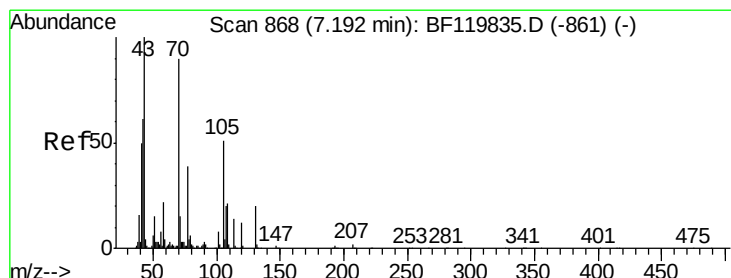
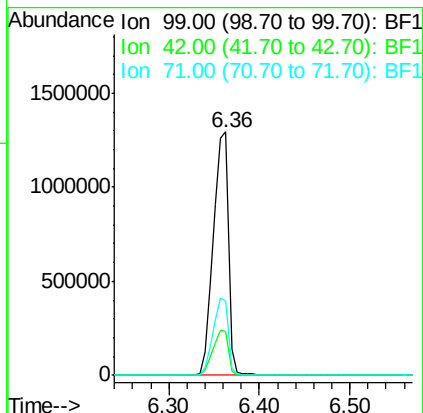
Tot Ion: 99 Resp: 1513036

Ion Ratio Lower Upper

99 100

42 17.8 16.9 25.3

71 30.7 26.3 39.5



#19

n-Nitroso-di-n-propylamine

Concen: 18.373 ng

RT: 7.29 min Scan# 885

Delta R.T. 0.14 min

Lab File: BF120002.D

Acq: 15 Apr 2020 19:06

Tgt Ion: 70 Resp: 163167

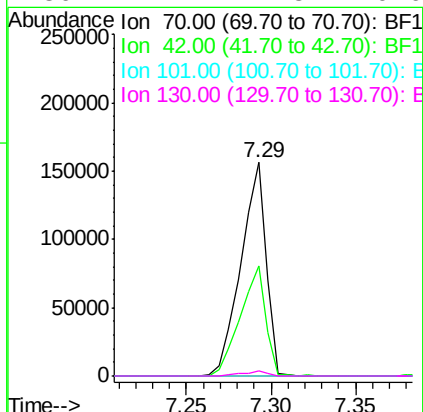
Ion Ratio Lower Upper

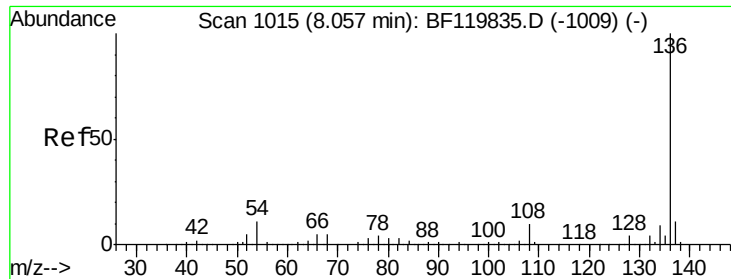
70 100

42 51.4 54.2 81.4#

101 0.0 7.4 11.2#

130 2.2 17.8 26.6#

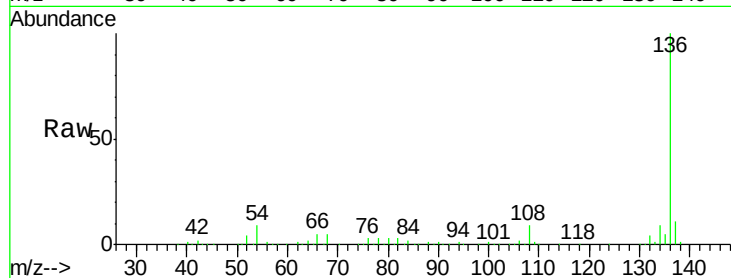




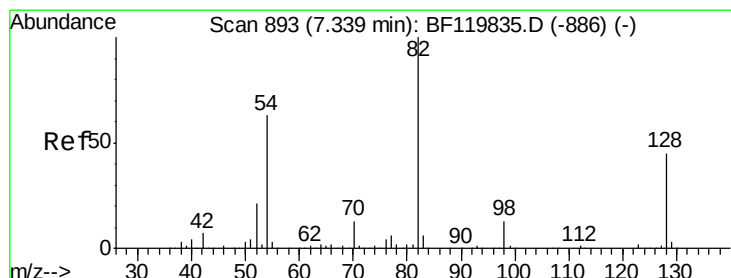
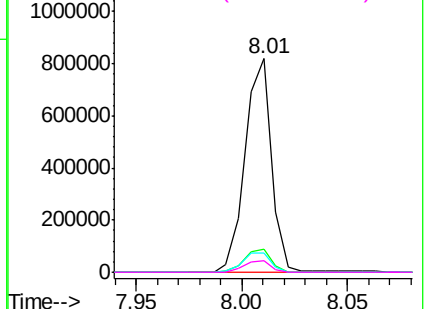
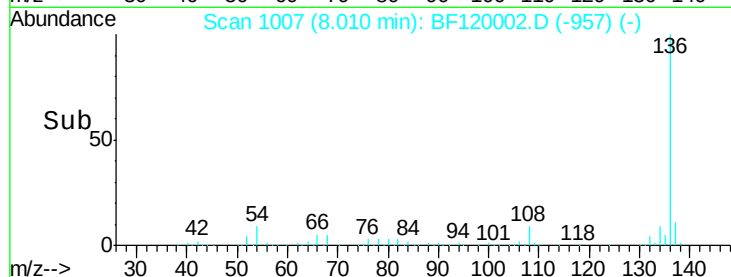
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF120002.D
Acq: 15 Apr 2020 19:06

Instrument :
BNA_F
ClientSampleId :
TP-27-26-COMP

Tot Ion:136 Resp: 711781
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 9.3 8.5 12.7
68 5.4 3.9 5.9

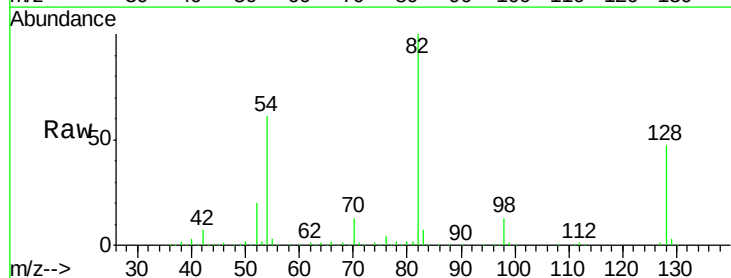


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

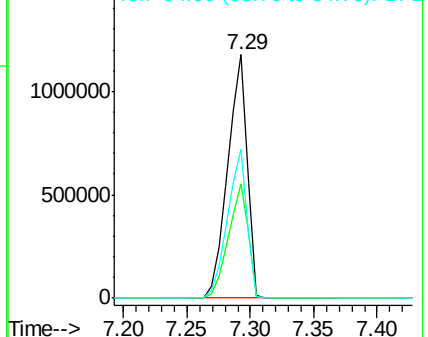
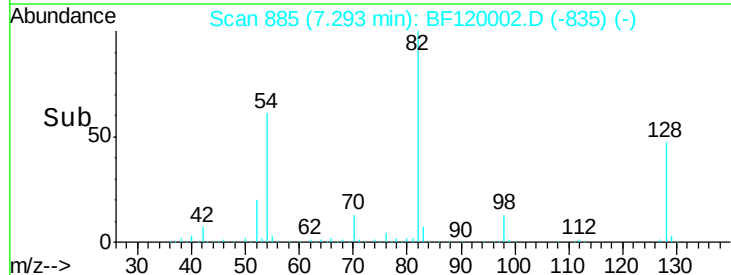


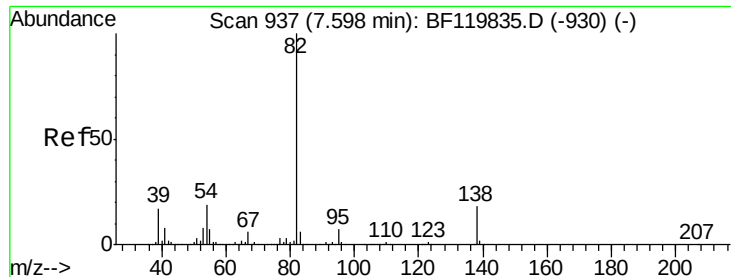
#23
Nitrobenzene-d5
Concen: 90.720 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF120002.D
Acq: 15 Apr 2020 19:06

Tgt Ion: 82 Resp: 1248172
Ion Ratio Lower Upper
82 100
128 46.9 36.2 54.4
54 61.3 50.4 75.6



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: 46.857 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.26 min

Lab File: BF120002.D

Acq: 15 Apr 2020 19:06

Instrument :

BNA_F

ClientSampleId :

TP-27-26-COMP

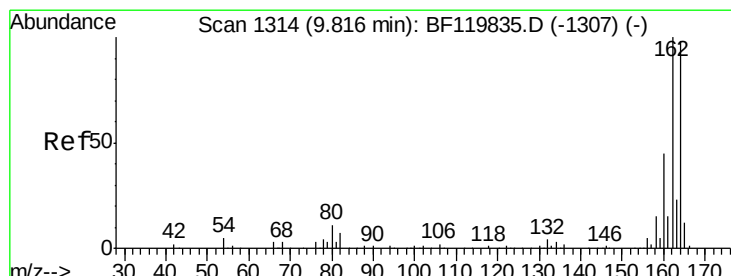
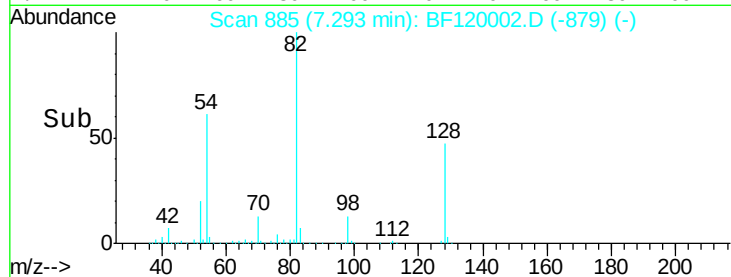
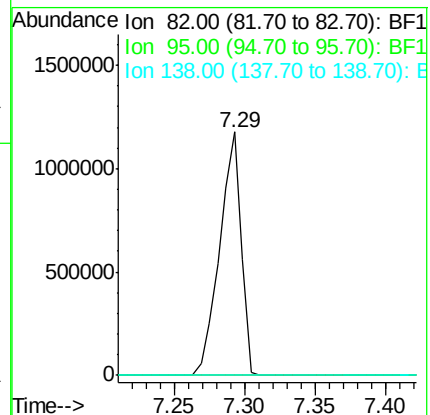
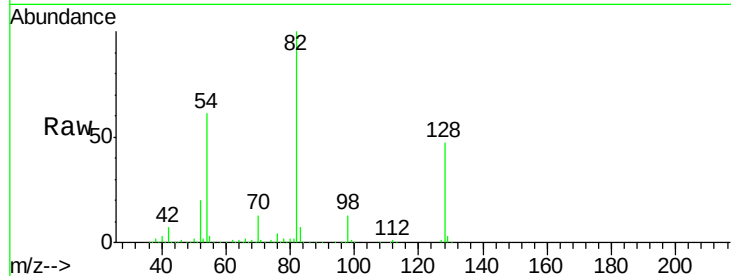
Tot Ion: 82 Resp: 1242762

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

138 0.0 14.5 21.7#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.76 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BF120002.D

Acq: 15 Apr 2020 19:06

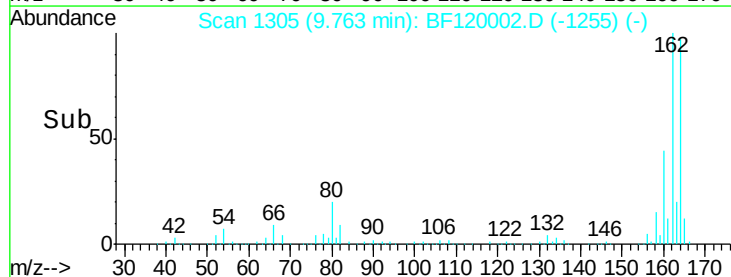
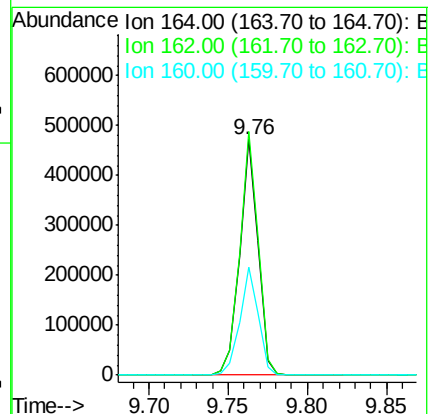
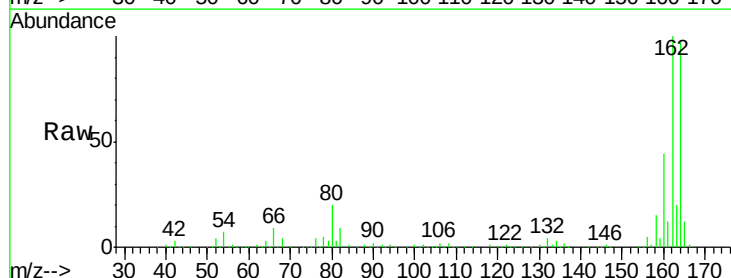
Tgt Ion:164 Resp: 379566

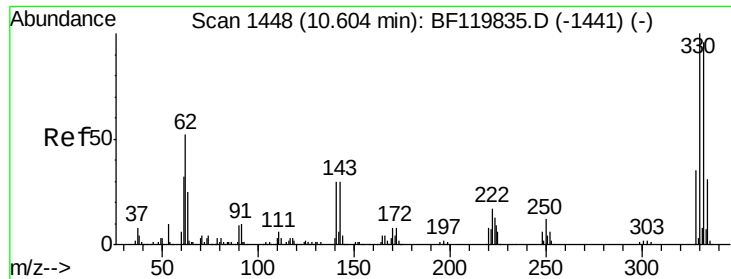
Ion Ratio Lower Upper

164 100

162 103.3 81.9 122.9

160 45.9 36.6 54.8

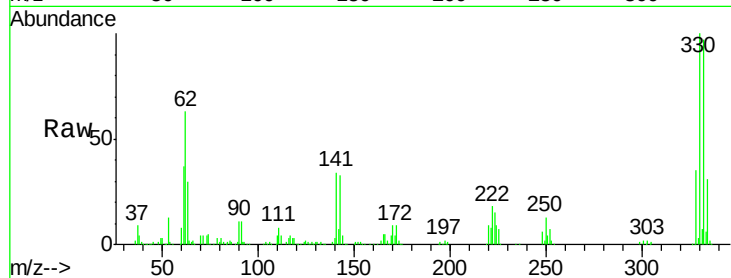




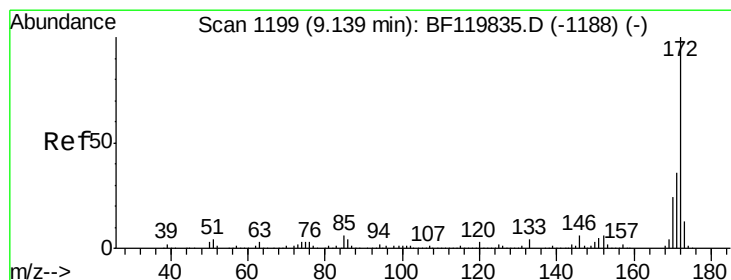
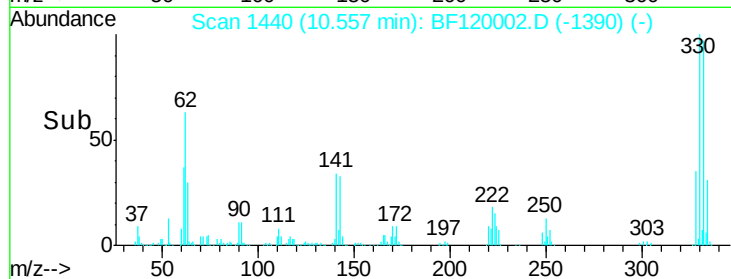
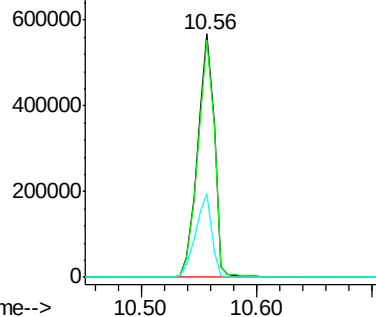
#42
 2,4,6-Tribromophenol
 Concen: 122.339 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. -0.01 min
 Lab File: BF120002.D
 Acq: 15 Apr 2020 19:06

Instrument :
 BNA_F
 ClientSampleId :
 TP-27-26-COMP

Tot Ion:330 Resp: 568529
 Ion Ratio Lower Upper
 330 100
 332 97.4 76.8 115.2
 141 33.7 25.1 37.7

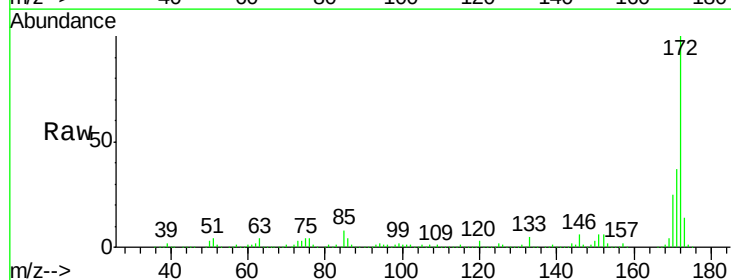


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

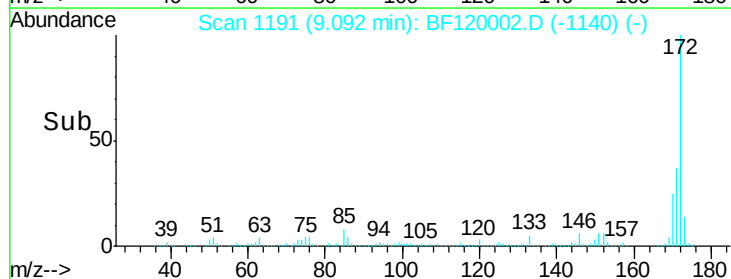
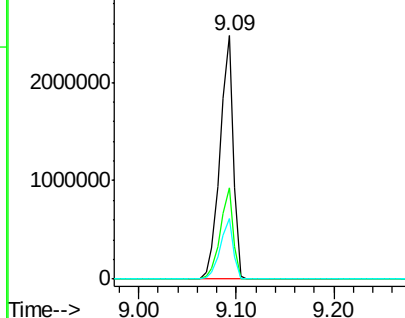


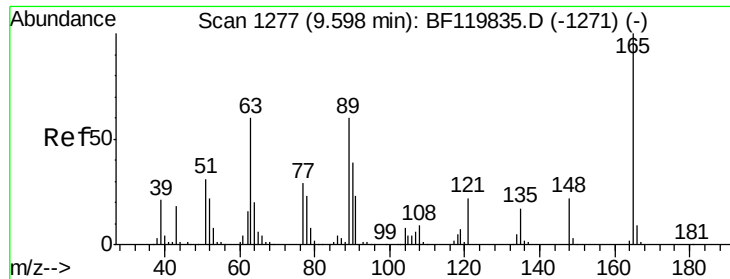
#45
 2-Fluorobiphenyl
 Concen: 87.630 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: BF120002.D
 Acq: 15 Apr 2020 19:06

Tgt Ion:172 Resp: 2342712
 Ion Ratio Lower Upper
 172 100
 171 37.2 28.9 43.3
 170 24.6 19.4 29.2



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

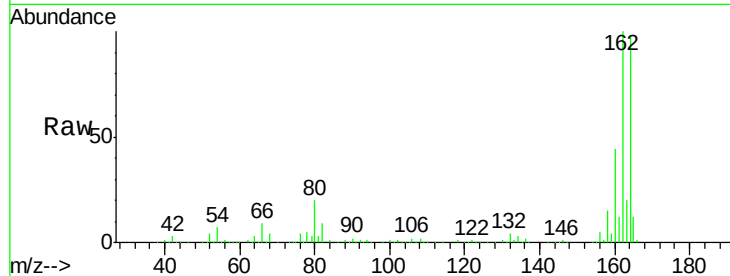




#51
 2,6-Dinitrotoluene
 Concen: 7.500 ng
 RT: 9.76 min Scan# 1305
 Delta R.T. 0.20 min
 Lab File: BF120002.D
 Acq: 15 Apr 2020 19:06

Instrument :
 BNA_F
 ClientSampleId :
 TP-27-26-COMP

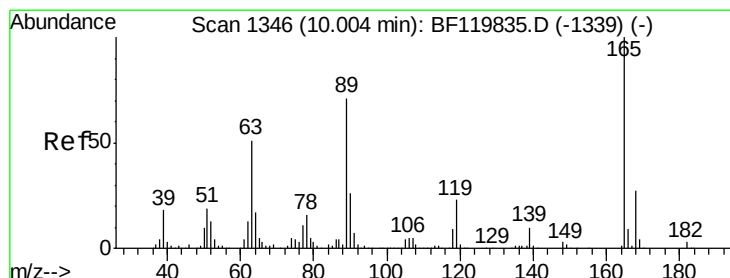
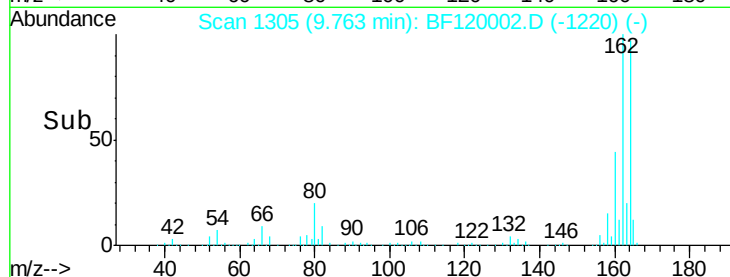
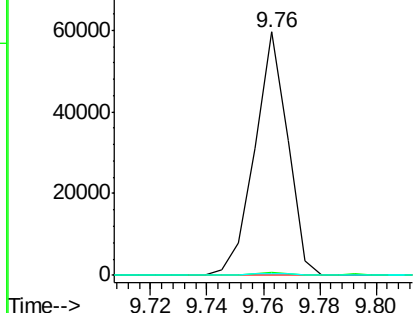
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.4	55.6	83.4#
89	0.8	47.9	71.9#



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: 5.693 ng
 RT: 9.76 min Scan# 1305
 Delta R.T. -0.20 min
 Lab File: BF120002.D
 Acq: 15 Apr 2020 19:06

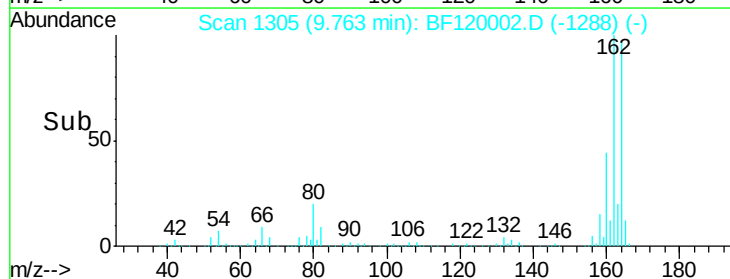
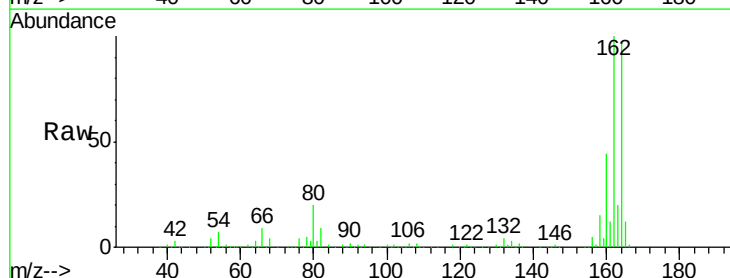
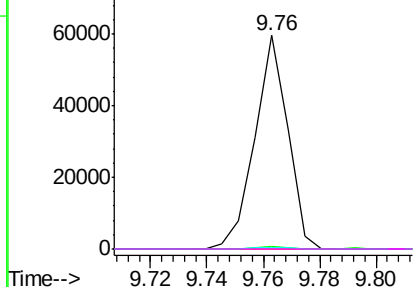
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	40.8	61.2#
89	0.8	56.9	85.3#
182	0.0	2.0	3.0#

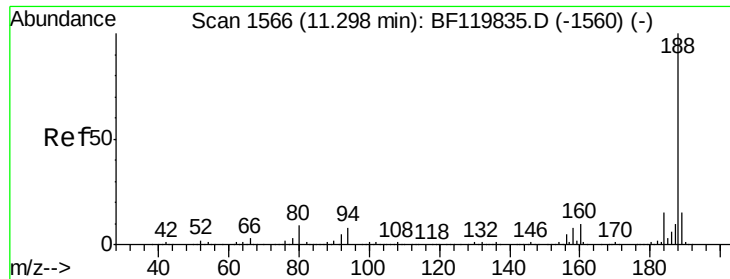
Abundance Ion 165.00 (164.70 to 165.70): E

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

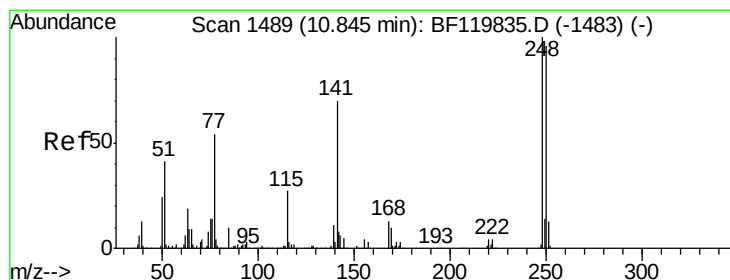
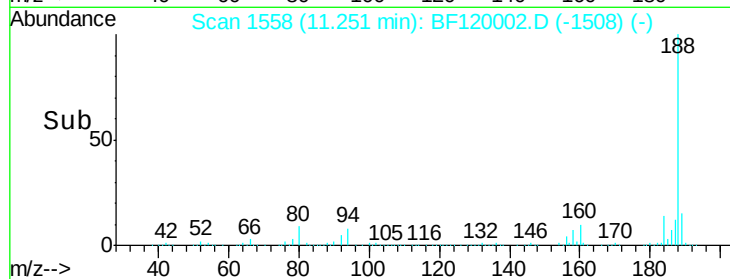
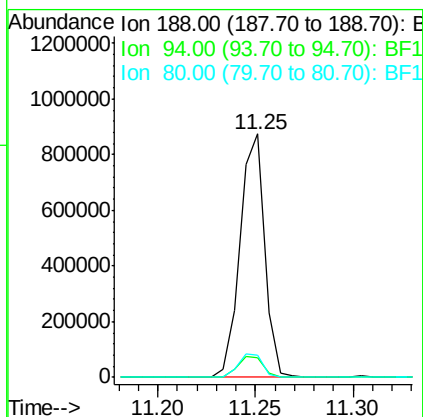
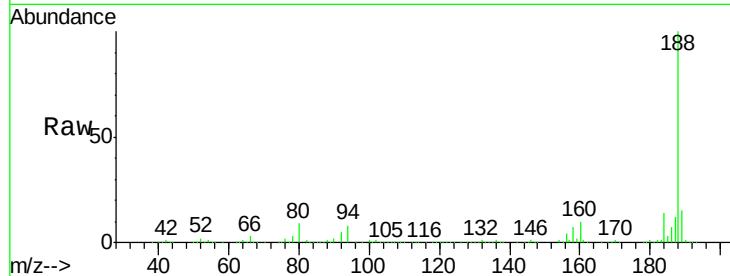




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.25 min Scan# 1558
 Delta R.T. -0.01 min
 Lab File: BF120002.D
 Acq: 15 Apr 2020 19:06

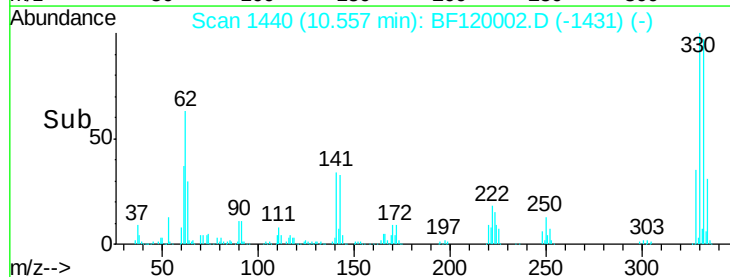
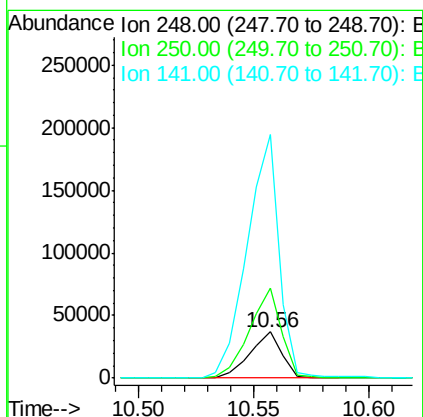
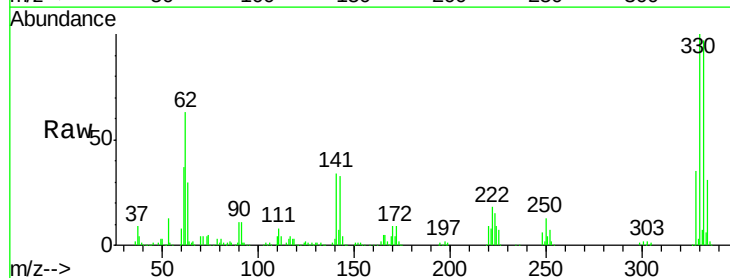
Instrument :
 BNA_F
 ClientSampleId :
 TP-27-26-COMP

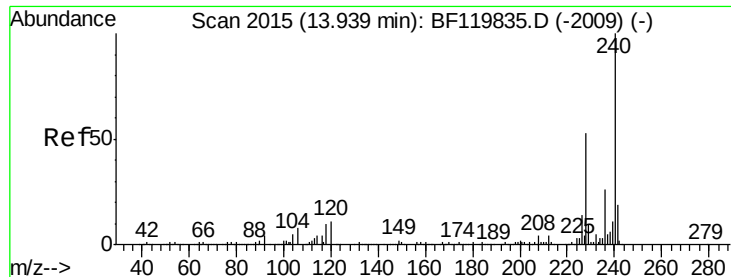
Tot Ion:188 Resp: 766645
 Ion Ratio Lower Upper
 188 100
 94 8.3 6.7 10.1
 80 9.1 7.4 11.2



#67
 4-Bromophenyl-phenylether
 Concen: 3.690 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. -0.25 min
 Lab File: BF120002.D
 Acq: 15 Apr 2020 19:06

Tgt Ion:248 Resp: 35183
 Ion Ratio Lower Upper
 248 100
 250 196.9 76.6 114.8#
 141 529.6 55.9 83.9#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.89 min Scan# 2006

Delta R.T. -0.01 min

Lab File: BF120002.D

Acq: 15 Apr 2020 19:06

Instrument :

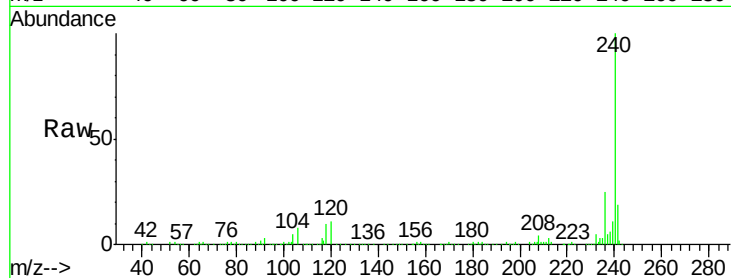
BNA_F

ClientSampleId :

TP-27-26-COMP

Tot Ion:240 Resp: 603995

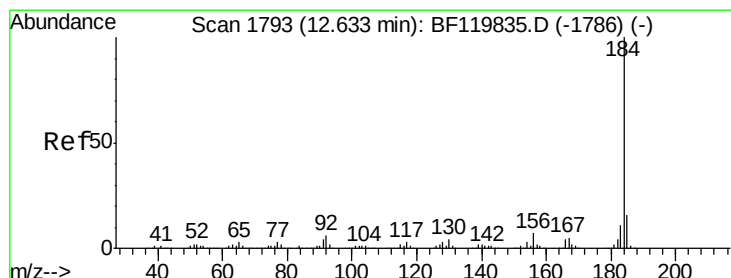
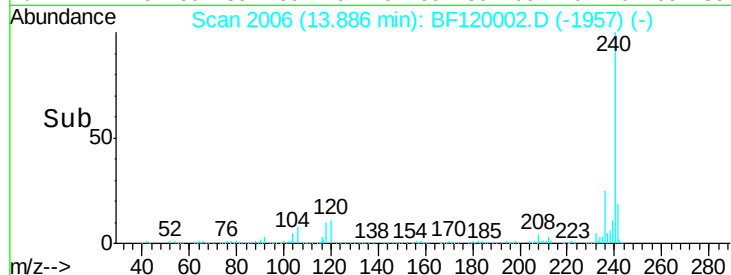
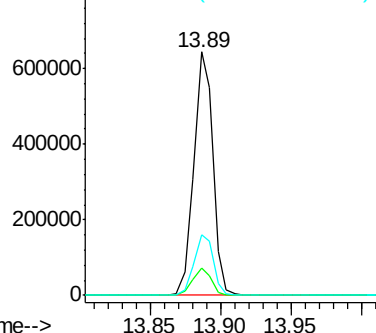
Ion	Ratio	Lower	Upper
240	100		
120	11.4	9.0	13.6
236	24.9	20.7	31.1



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



#77

Benzidine

Concen: 17.359 ng

RT: 12.59 min Scan# 1785

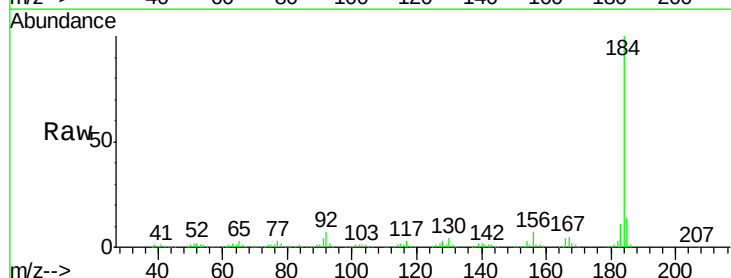
Delta R.T. -0.01 min

Lab File: BF120002.D

Acq: 15 Apr 2020 19:06

Tgt Ion:184 Resp: 354406

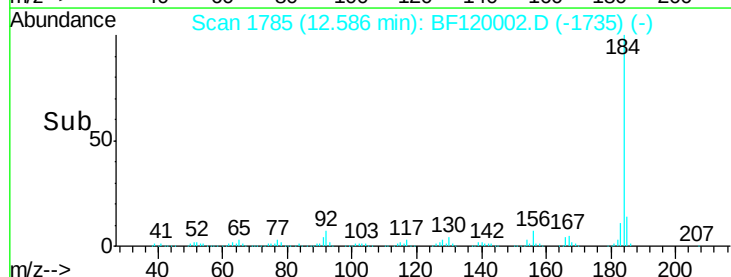
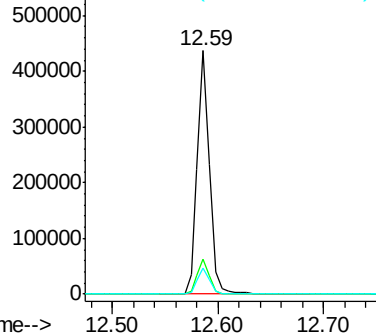
Ion	Ratio	Lower	Upper
184	100		
185	14.2	13.2	19.8
183	10.8	9.1	13.7

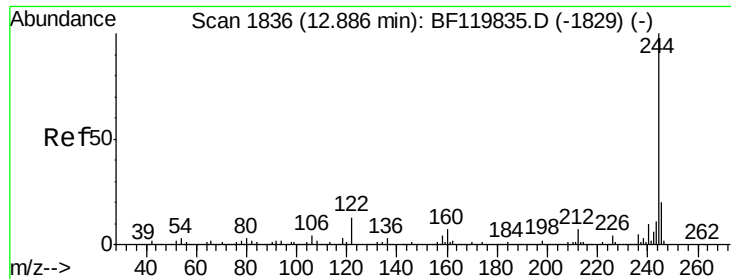


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

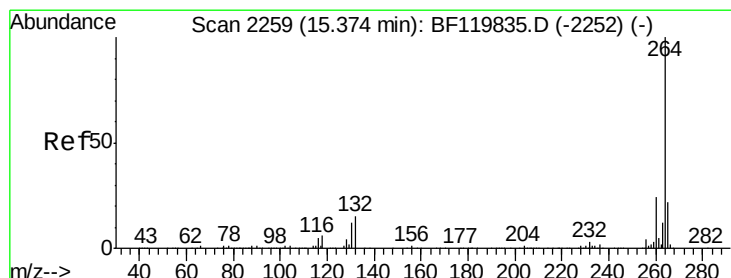
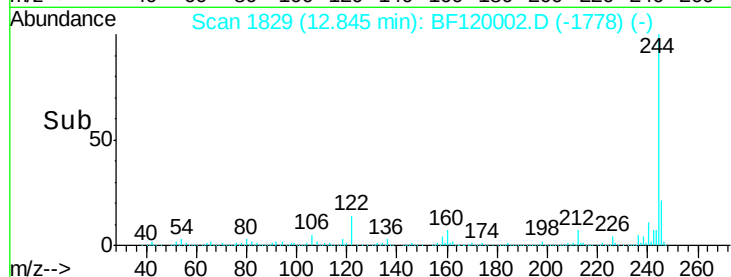
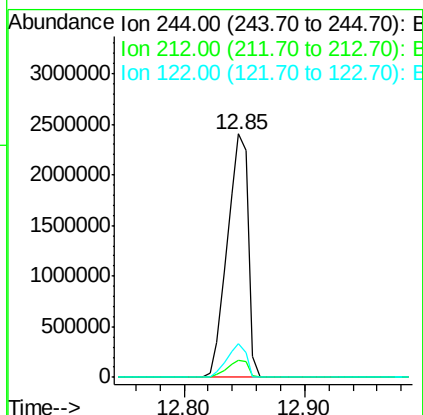
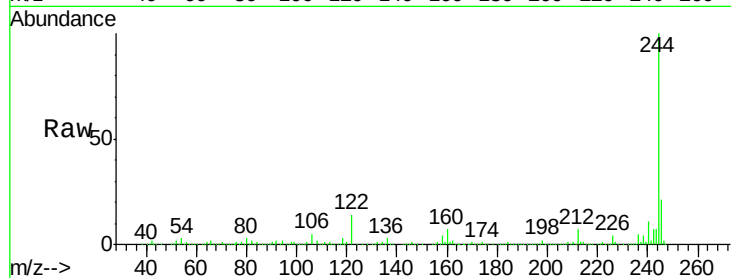




#79
 Terphenyl-d14
 Concen: 80.056 ng
 RT: 12.85 min Scan# 1829
 Delta R.T. 0.00 min
 Lab File: BF120002.D
 Acq: 15 Apr 2020 19:06

Instrument :
 BNA_F
 ClientSampleId :
 TP-27-26-COMP

Tot Ion:244 Resp: 2873647
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.4 8.0
 122 13.8 10.3 15.5



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.31 min Scan# 2248
 Delta R.T. 0.00 min
 Lab File: BF120002.D
 Acq: 15 Apr 2020 19:06

Tgt Ion:264 Resp: 470171
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.3 28.9
 265 22.4 17.6 26.4

