

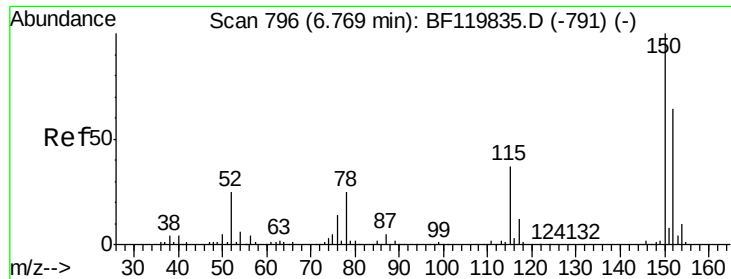
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041520\
 Data File : BF120007.D
 Acq On : 15 Apr 2020 22:21
 Operator : MA/SJ
 Sample : L2198-13
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-42-41-COMP

Quant Time: Apr 16 04:17:42 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	174382	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	664446	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	358690	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	713161	20.00	ng	0.00
76) Chrysene-d12	13.89	240	568982	20.00	ng	-0.01
87) Perylene-d12	15.31	264	458464	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	1337123	132.51	ng	0.00
7) Phenol-d6	6.36	99	1499402	115.32	ng	0.00
23) Nitrobenzene-d5	7.29	82	1277322	99.45	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	571844	130.21	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	2393250	94.73	ng	0.00
79) Terphenyl-d14	12.85	244	2839636	83.98	ng	0.00
Target Compounds						
9) Benzaldehyde	6.28	77	1042	Below Cal	Qvalue	# 1
15) Benzyl Alcohol	6.88	79	21151	2.094 ng	#	50
19) n-Nitroso-di-n-propylamine	7.29	70	167635	20.050 ng	#	72
25) Isophorone	7.29	82	1272097	51.380 ng	#	65
51) 2,6-Dinitrotoluene	9.76	165	45967	7.566 ng	#	19
57) 2,4-Dinitrotoluene	9.76	165	45967	5.743 ng	#	22
67) 4-Bromophenyl-phenylether	10.56	248	34973	3.943 ng	#	1
77) Benzydine	12.59	184	700296	36.411 ng		96

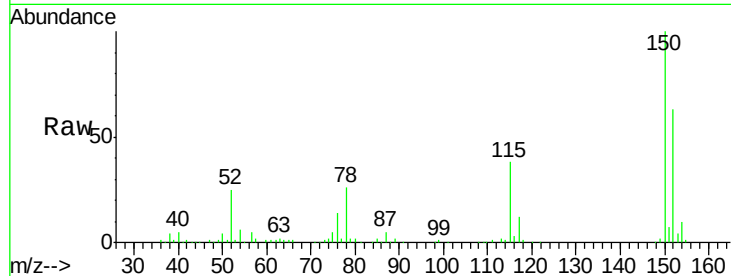
(#) = qualifier out of range (m) = manual integration (+) = signals summed



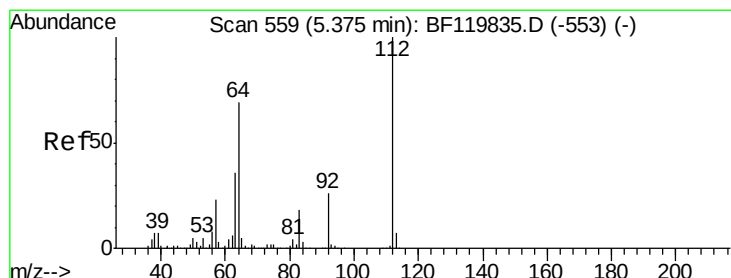
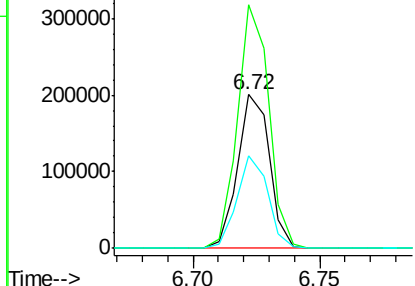
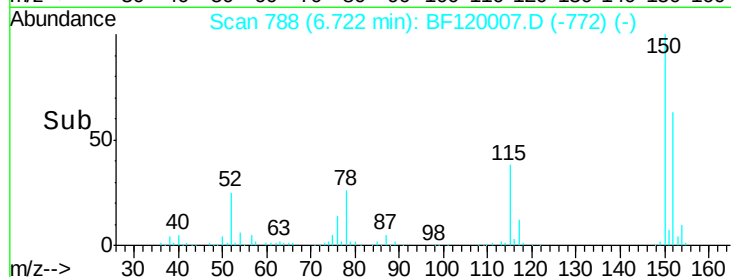
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 788
 Delta R.T. -0.01 min
 Lab File: BF120007.D
 Acq: 15 Apr 2020 22:21

Instrument :
 BNA_F
 ClientSampleId :
 TP-42-41-COMP

Tot Ion:152 Resp: 174382
 Ion Ratio Lower Upper
 152 100
 150 158.7 124.8 187.2
 115 60.5 46.5 69.7

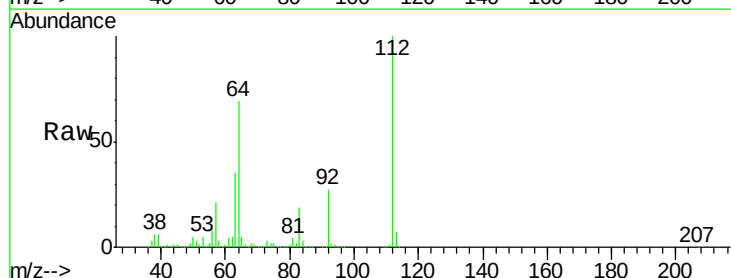


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

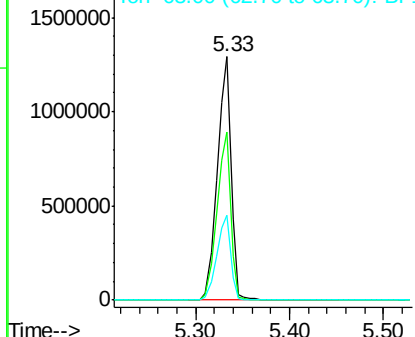
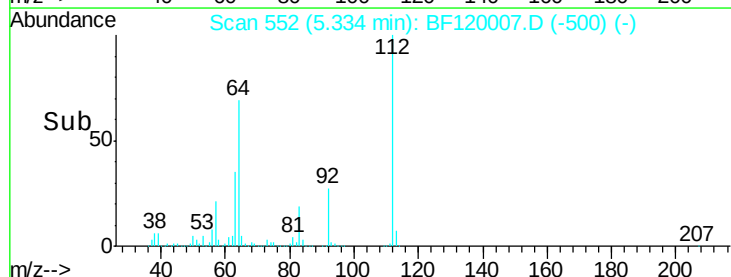


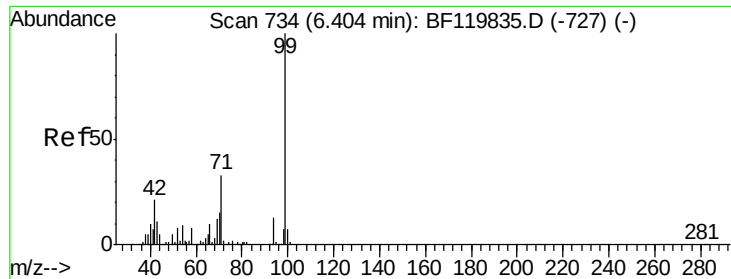
#5
 2-Fluorophenol
 Concen: 132.513 ng
 RT: 5.33 min Scan# 552
 Delta R.T. 0.01 min
 Lab File: BF120007.D
 Acq: 15 Apr 2020 22:21

Tgt Ion:112 Resp: 1337123
 Ion Ratio Lower Upper
 112 100
 64 68.9 55.5 83.3
 63 34.8 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: 115.320 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF120007.D

Acq: 15 Apr 2020 22:21

Instrument :

BNA_F

ClientSampleId :

TP-42-41-COMP

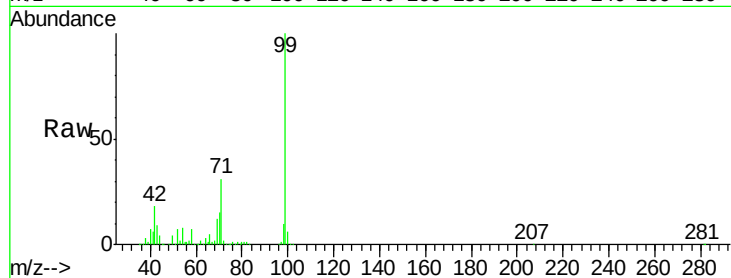
Tot Ion: 99 Resp: 1499402

Ion Ratio Lower Upper

99 100

42 17.9 16.9 25.3

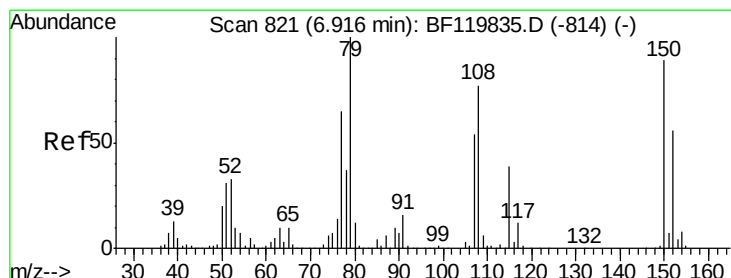
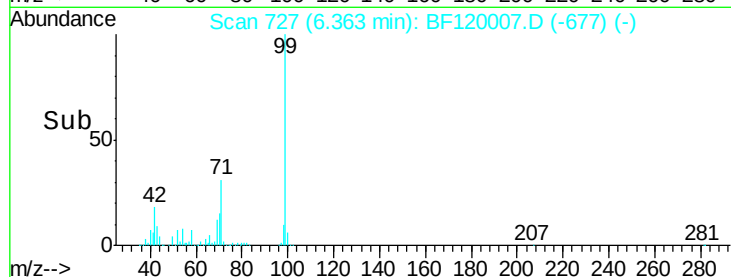
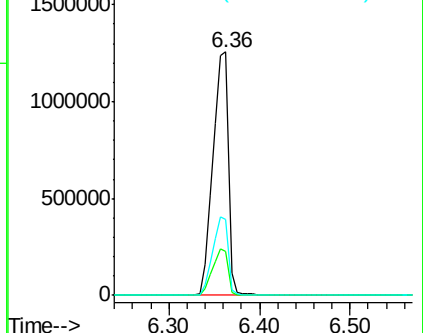
71 31.0 26.3 39.5



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



#15

Benzyl Alcohol

Concen: 2.094 ng

RT: 6.88 min Scan# 815

Delta R.T. 0.01 min

Lab File: BF120007.D

Acq: 15 Apr 2020 22:21

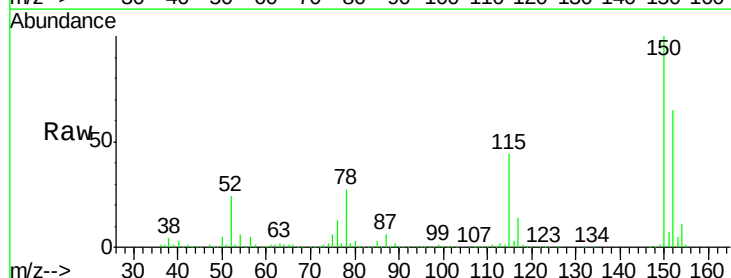
Tgt Ion: 79 Resp: 21151

Ion Ratio Lower Upper

79 100

108 22.5 62.0 93.0#

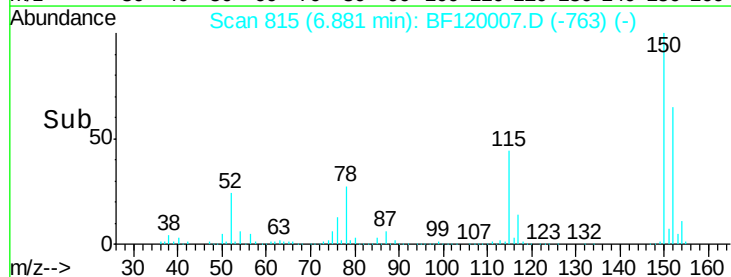
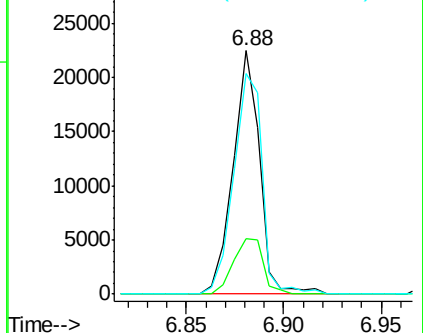
77 90.8 51.8 77.6#

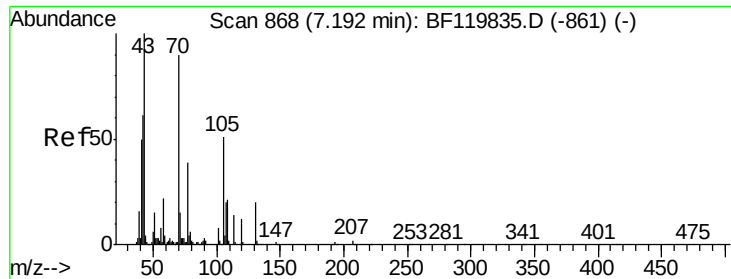


Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

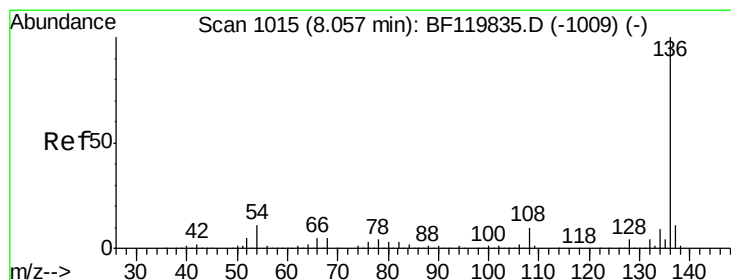
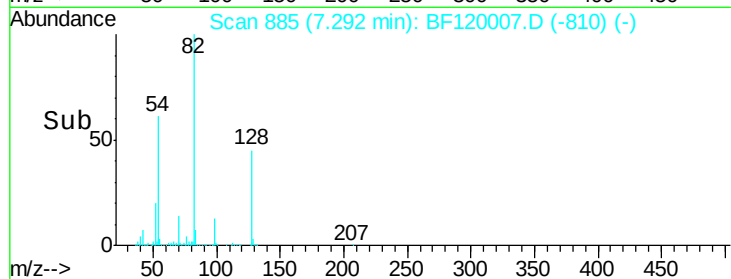
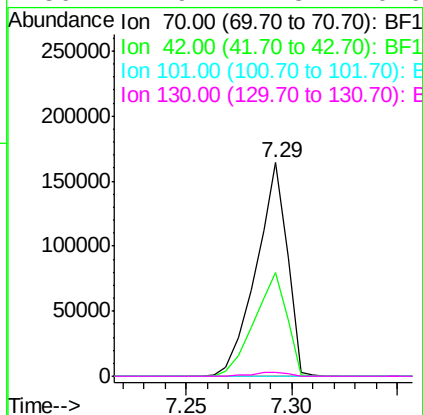
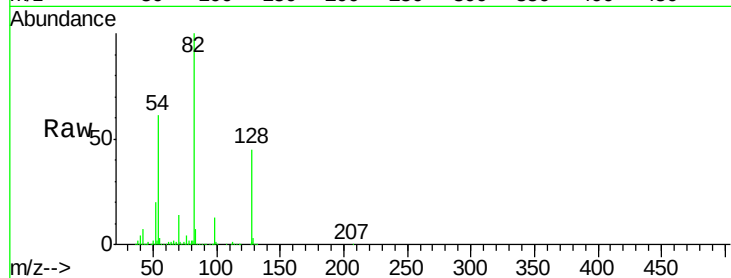




#19
n-Nitroso-di-n-propylamine
Concen: 20.050 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.14 min
Lab File: BF120007.D
Acq: 15 Apr 2020 22:21

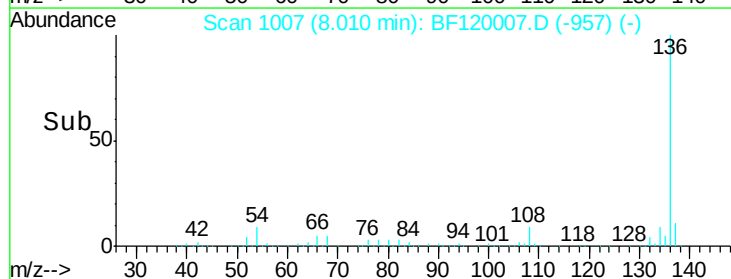
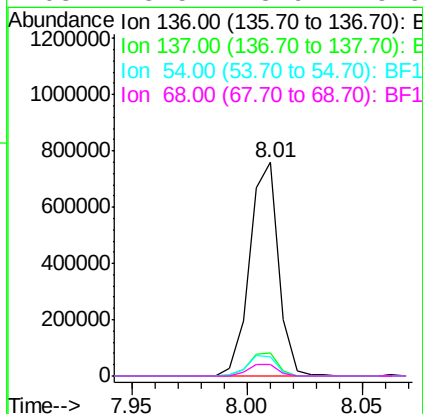
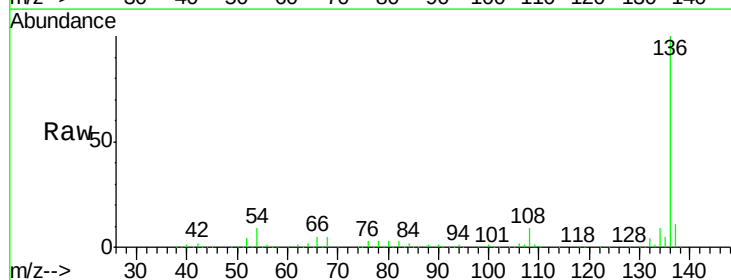
Instrument :
BNA_F
ClientSampleId :
TP-42-41-COMP

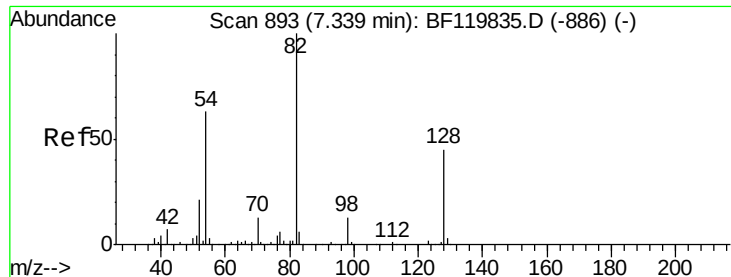
Tot Ion: 70 Resp: 167635
Ion Ratio Lower Upper
70 100
42 48.8 54.2 81.4#
101 0.0 7.4 11.2#
130 1.9 17.8 26.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF120007.D
Acq: 15 Apr 2020 22:21

Tgt Ion: 136 Resp: 664446
Ion Ratio Lower Upper
136 100
137 11.0 8.7 13.1
54 9.3 8.5 12.7
68 5.5 3.9 5.9



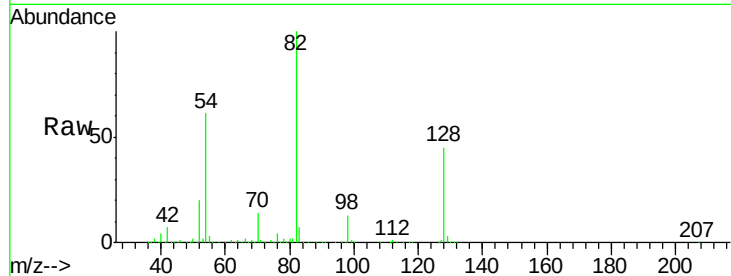


#23
 Nitrobenzene-d5
 Concen: 99.452 ng
 RT: 7.29 min Scan# 885
 Delta R.T. -0.01 min
 Lab File: BF120007.D
 Acq: 15 Apr 2020 22:21

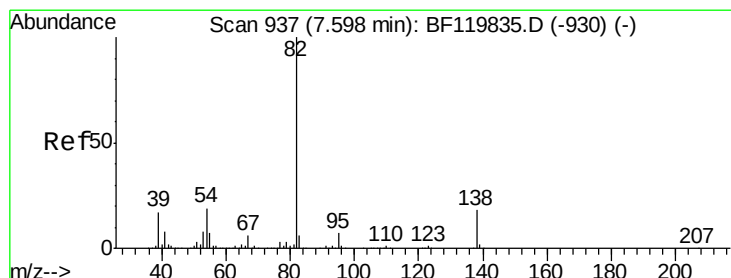
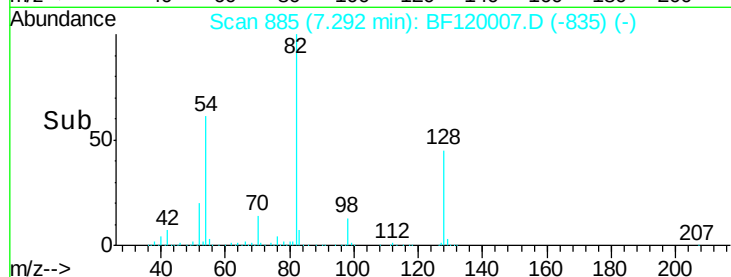
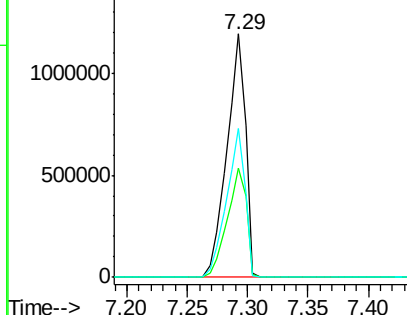
Instrument :
 BNA_F
 ClientSampleId :
 TP-42-41-COMP

Tot Ion: 82 Resp: 1277322

Ion	Ratio	Lower	Upper
82	100		
128	45.0	36.2	54.4
54	61.1	50.4	75.6



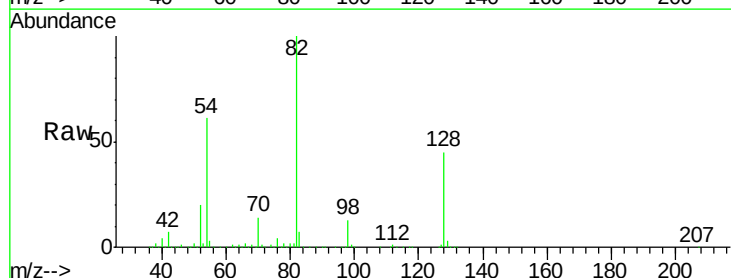
Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1



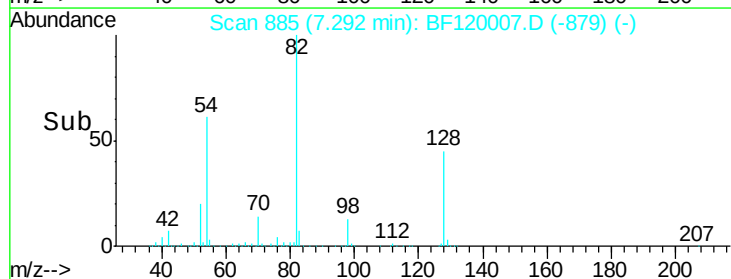
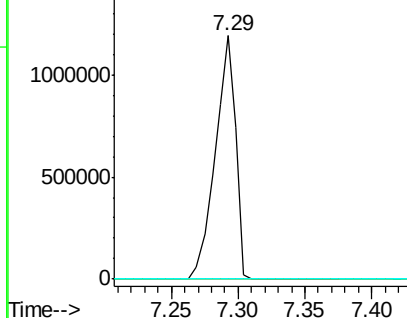
#25
 Isophorone
 Concen: 51.380 ng
 RT: 7.29 min Scan# 885
 Delta R.T. -0.26 min
 Lab File: BF120007.D
 Acq: 15 Apr 2020 22:21

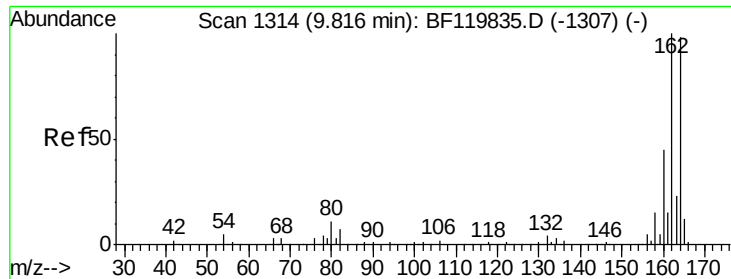
Tgt Ion: 82 Resp: 1272097

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.8	8.6#
138	0.0	14.5	21.7#



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

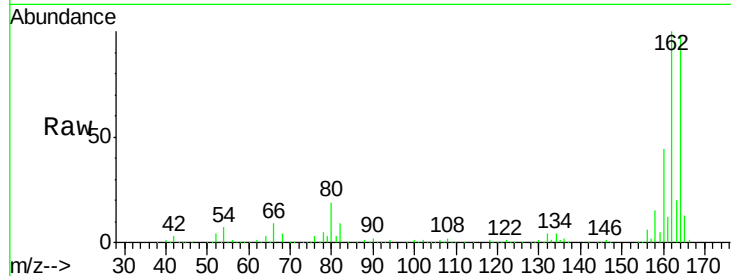




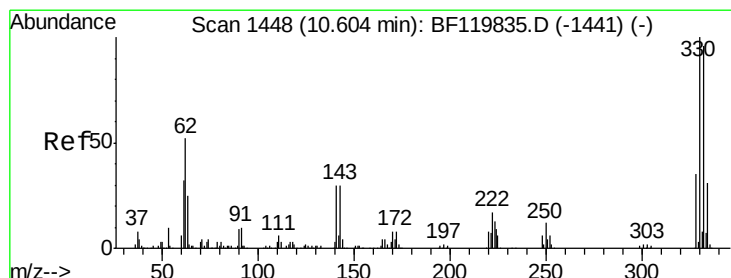
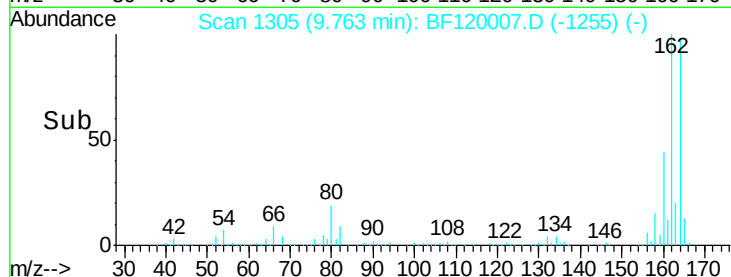
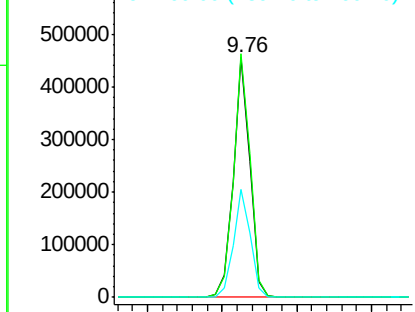
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF120007.D
Acq: 15 Apr 2020 22:21

Instrument :
BNA_F
ClientSampleId :
TP-42-41-COMP

Tot Ion:164 Resp: 358690
Ion Ratio Lower Upper
164 100
162 101.6 81.9 122.9
160 44.9 36.6 54.8

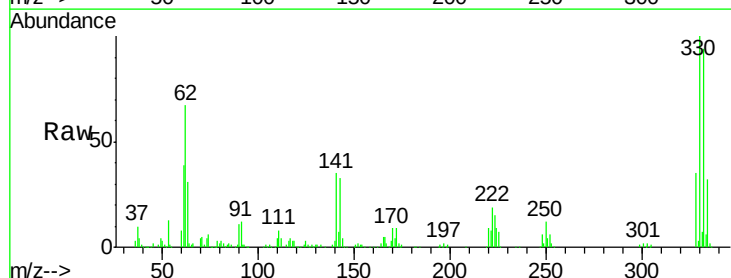


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

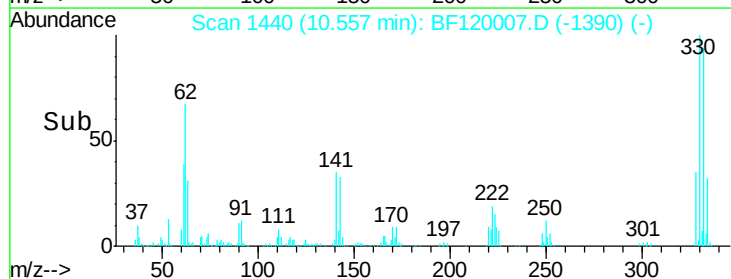
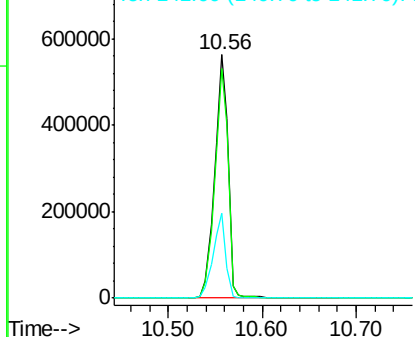


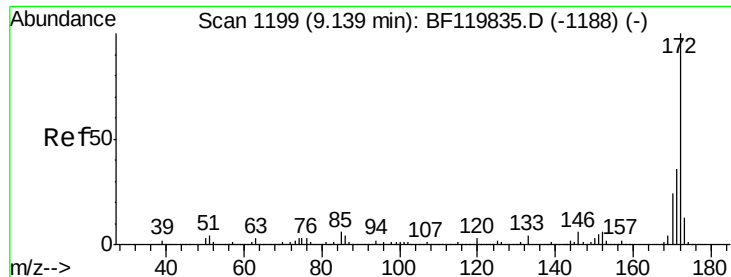
#42
2,4,6-Tribromophenol
Concen: 130.214 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.01 min
Lab File: BF120007.D
Acq: 15 Apr 2020 22:21

Tgt Ion:330 Resp: 571844
Ion Ratio Lower Upper
330 100
332 94.4 76.8 115.2
141 33.0 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

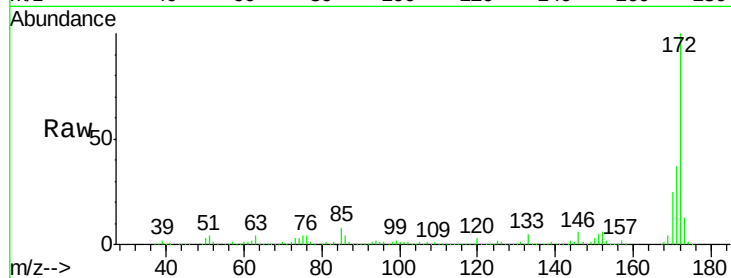




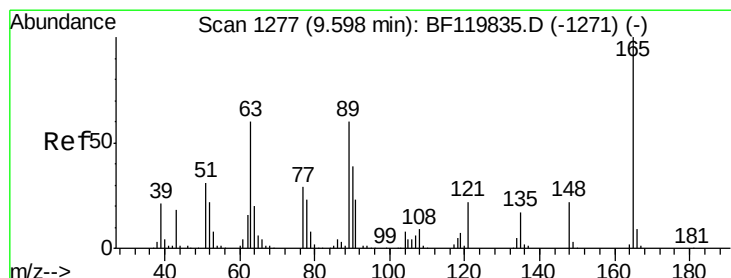
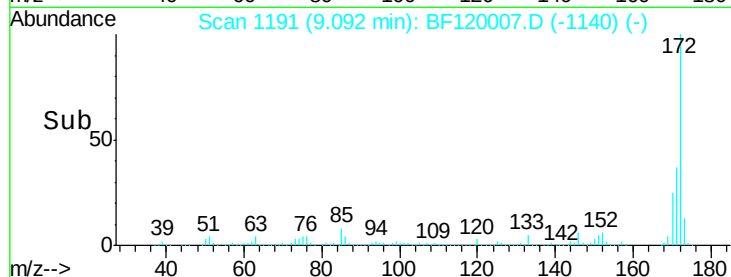
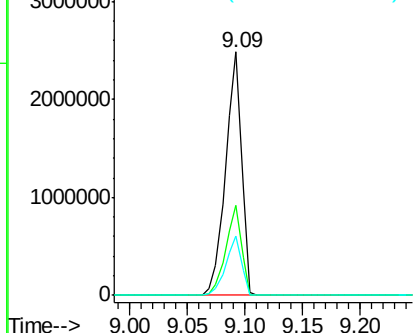
#45
 2-Fluorobiphenyl
 Concen: 94.731 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: BF120007.D
 Acq: 15 Apr 2020 22:21

Instrument :
 BNA_F
 ClientSampleId :
 TP-42-41-COMP

Tot Ion:172 Resp: 2393250
 Ion Ratio Lower Upper
 172 100
 171 36.8 28.9 43.3
 170 24.6 19.4 29.2

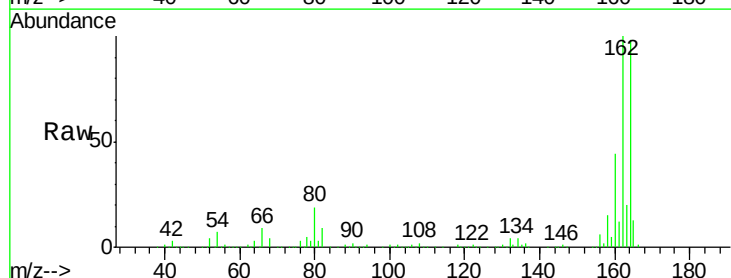


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

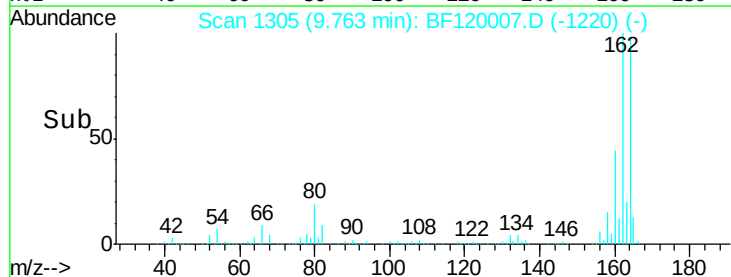
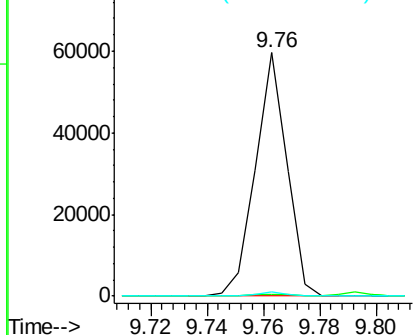


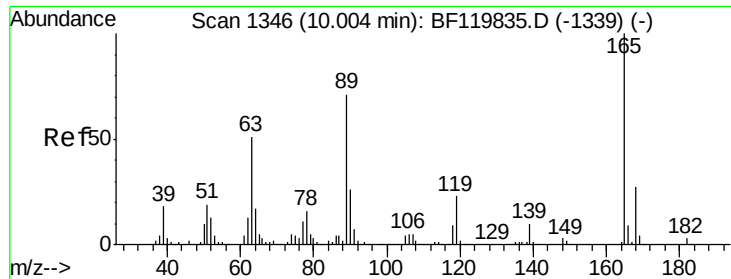
#51
 2,6-Dinitrotoluene
 Concen: 7.566 ng
 RT: 9.76 min Scan# 1305
 Delta R.T. 0.20 min
 Lab File: BF120007.D
 Acq: 15 Apr 2020 22:21

Tgt Ion:165 Resp: 45967
 Ion Ratio Lower Upper
 165 100
 63 0.7 55.6 83.4#
 89 1.6 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

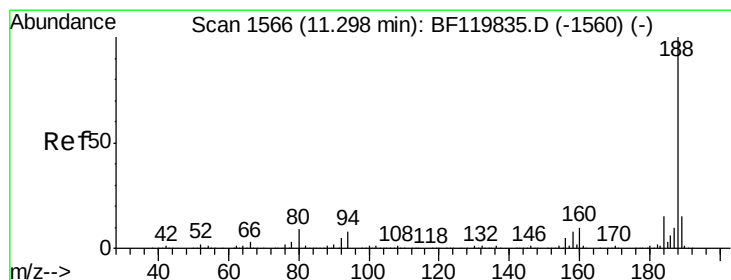
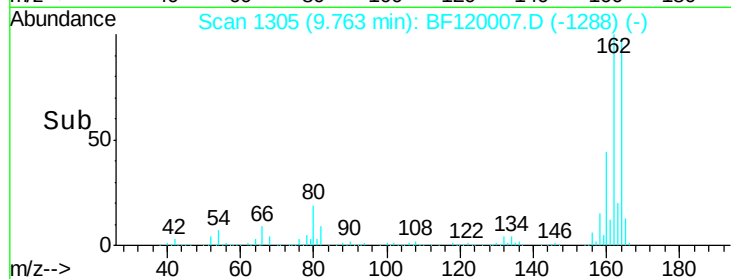
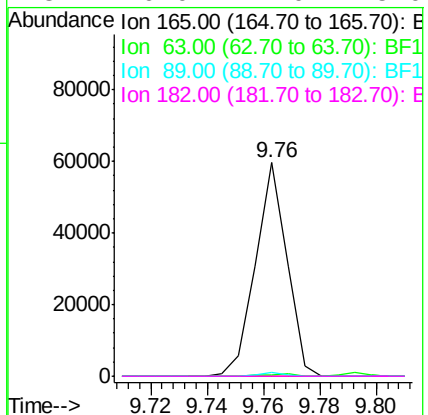
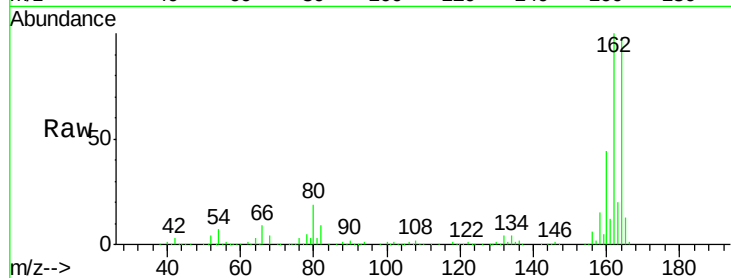




#57
 2,4-Dinitrotoluene
 Concen: 5.743 ng
 RT: 9.76 min Scan# 1305
 Delta R.T. -0.20 min
 Lab File: BF120007.D
 Acq: 15 Apr 2020 22:21

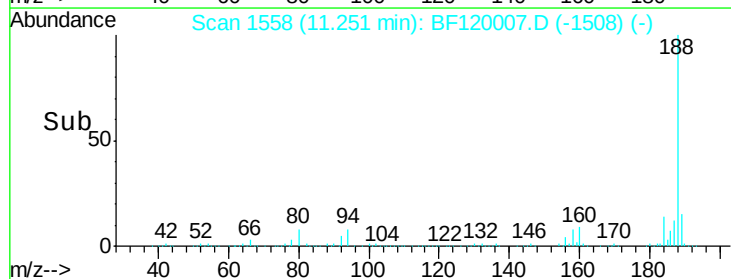
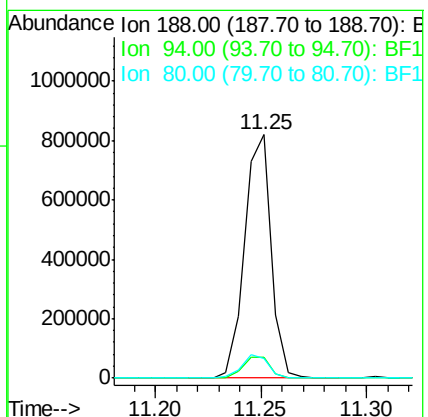
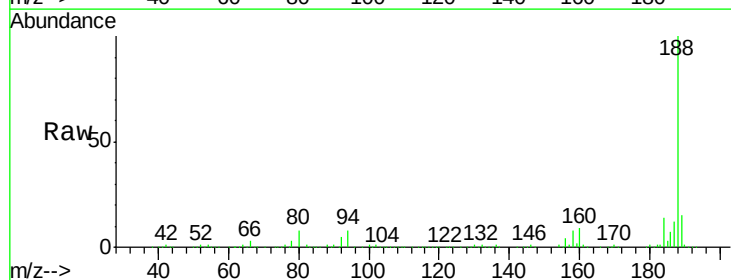
Instrument :
 BNA_F
 ClientSampleId :
 TP-42-41-COMP

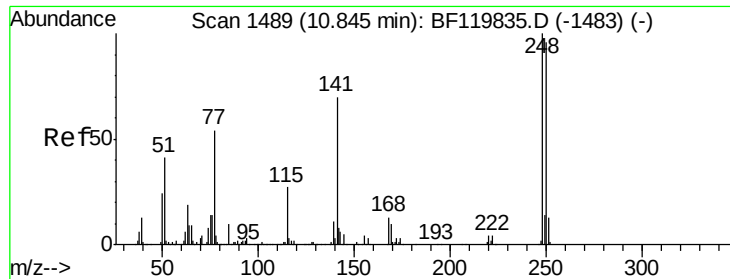
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.7	40.8	61.2#
89	1.6	56.9	85.3#
182	0.0	2.0	3.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.25 min Scan# 1558
 Delta R.T. -0.01 min
 Lab File: BF120007.D
 Acq: 15 Apr 2020 22:21

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.3	6.7	10.1
80	8.2	7.4	11.2

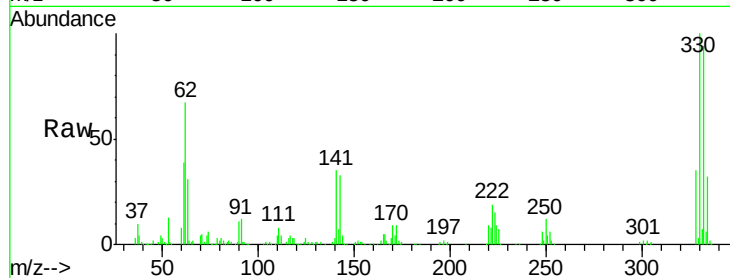




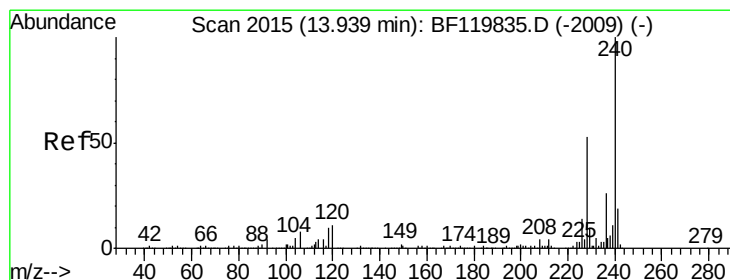
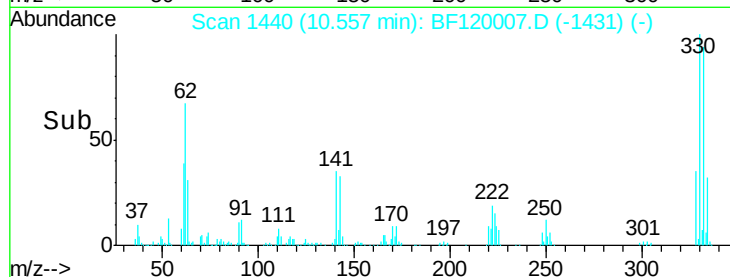
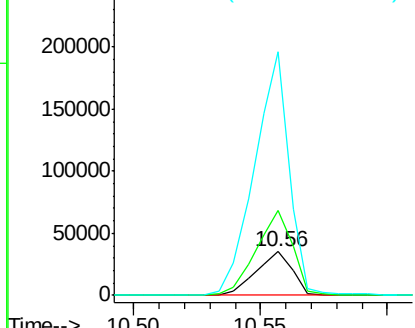
#67
 4-Bromophenyl-phenylether
 Concen: 3.943 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. -0.25 min
 Lab File: BF120007.D
 Acq: 15 Apr 2020 22:21

Instrument :
 BNA_F
 ClientSampleId :
 TP-42-41-COMP

Tot Ion:248 Resp: 34973
 Ion Ratio Lower Upper
 248 100
 250 194.9 76.6 114.8#
 141 555.7 55.9 83.9#

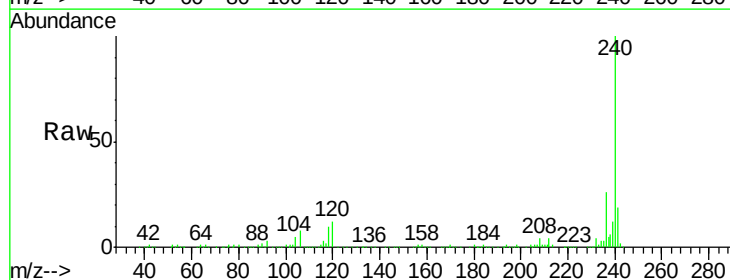


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

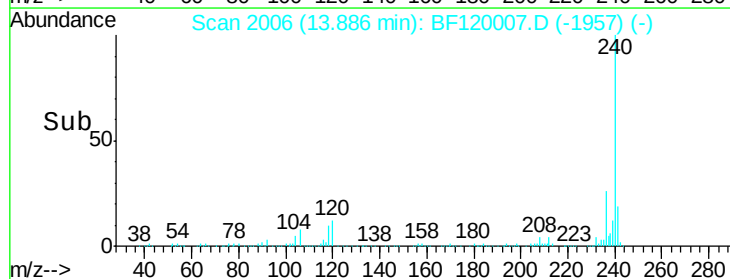
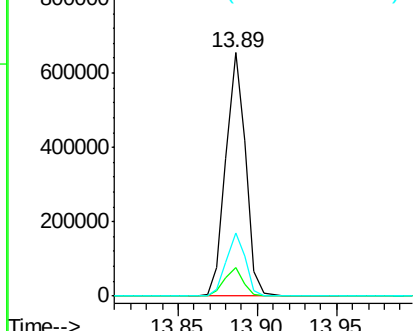


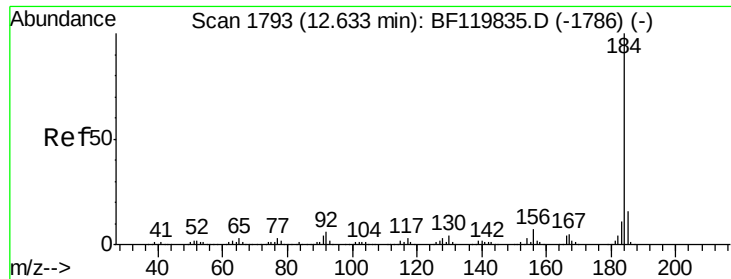
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.89 min Scan# 2006
 Delta R.T. -0.01 min
 Lab File: BF120007.D
 Acq: 15 Apr 2020 22:21

Tgt Ion:240 Resp: 568982
 Ion Ratio Lower Upper
 240 100
 120 11.8 9.0 13.6
 236 25.9 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

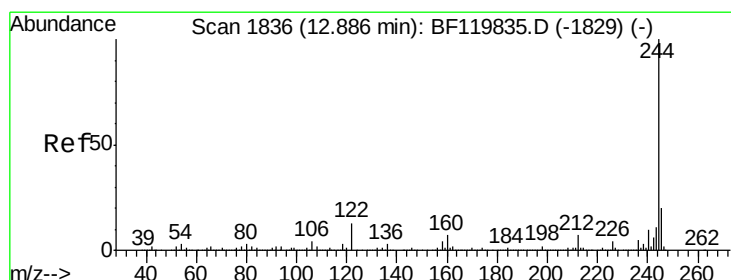
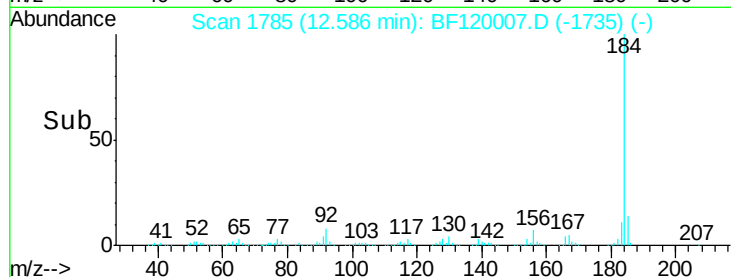
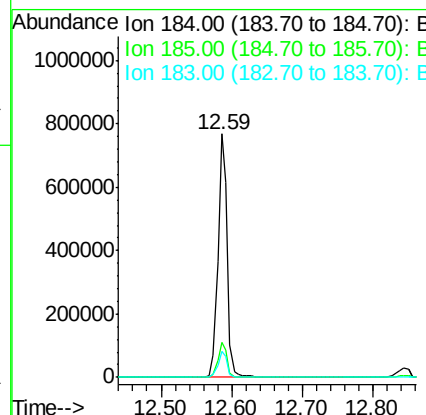
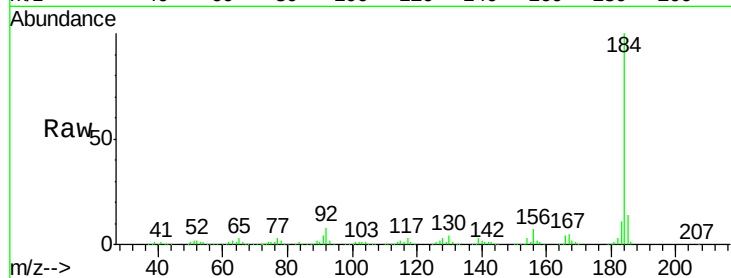




#77
Benzidine
Concen: 36.411 ng
RT: 12.59 min Scan# 1785
Delta R.T. -0.01 min
Lab File: BF120007.D
Acq: 15 Apr 2020 22:21

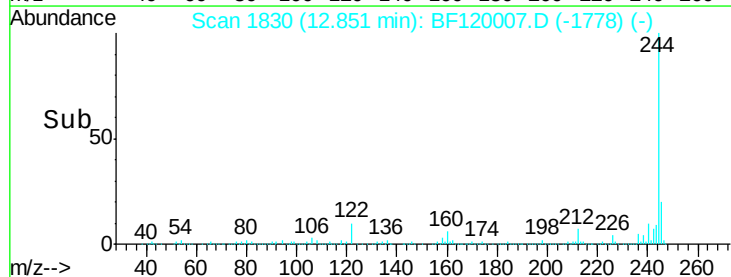
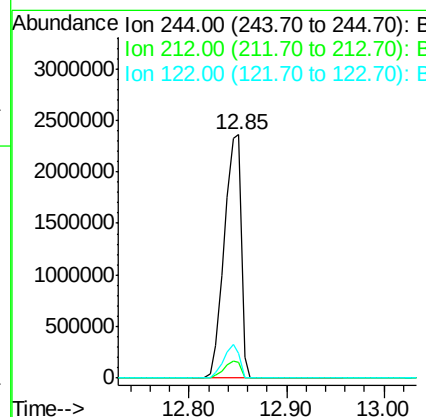
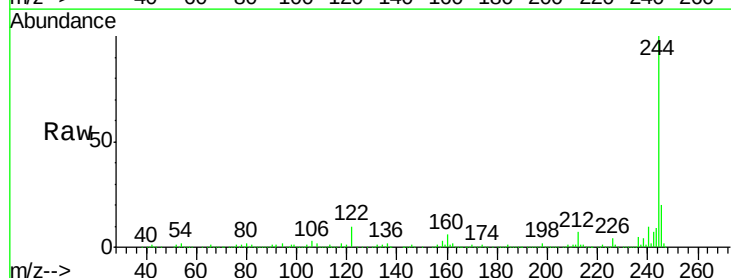
Instrument :
BNA_F
ClientSampleId :
TP-42-41-COMP

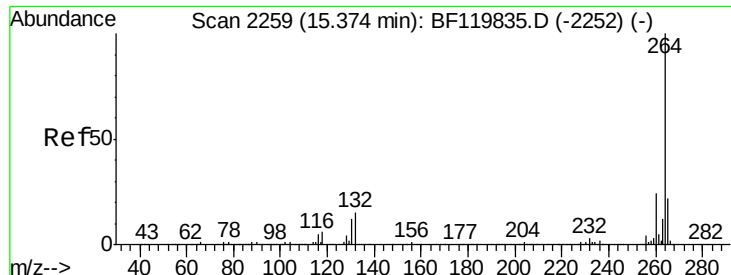
Tot Ion:184 Resp: 700296
Ion Ratio Lower Upper
184 100
185 14.3 13.2 19.8
183 10.7 9.1 13.7



#79
Terphenyl-d14
Concen: 83.977 ng
RT: 12.85 min Scan# 1830
Delta R.T. 0.01 min
Lab File: BF120007.D
Acq: 15 Apr 2020 22:21

Tgt Ion:244 Resp: 2839636
Ion Ratio Lower Upper
244 100
212 6.6 5.4 8.0
122 10.2 10.3 15.5#

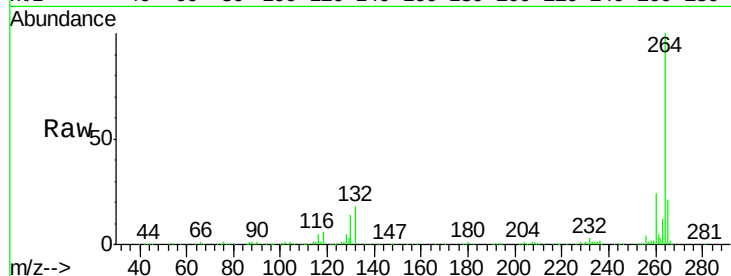




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.31 min Scan# 2248
Delta R.T. -0.00 min
Lab File: BF120007.D
Acq: 15 Apr 2020 22:21

Instrument :
BNA_F
ClientSampleId :
TP-42-41-COMP

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.3	28.9
265	21.4	17.6	26.4



Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

