

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041520\
 Data File : BF120000.D
 Acq On : 15 Apr 2020 18:11
 Operator : MA/SJ
 Sample : L2245-40
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-5-13-14

Quant Time: Apr 16 01:15:11 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

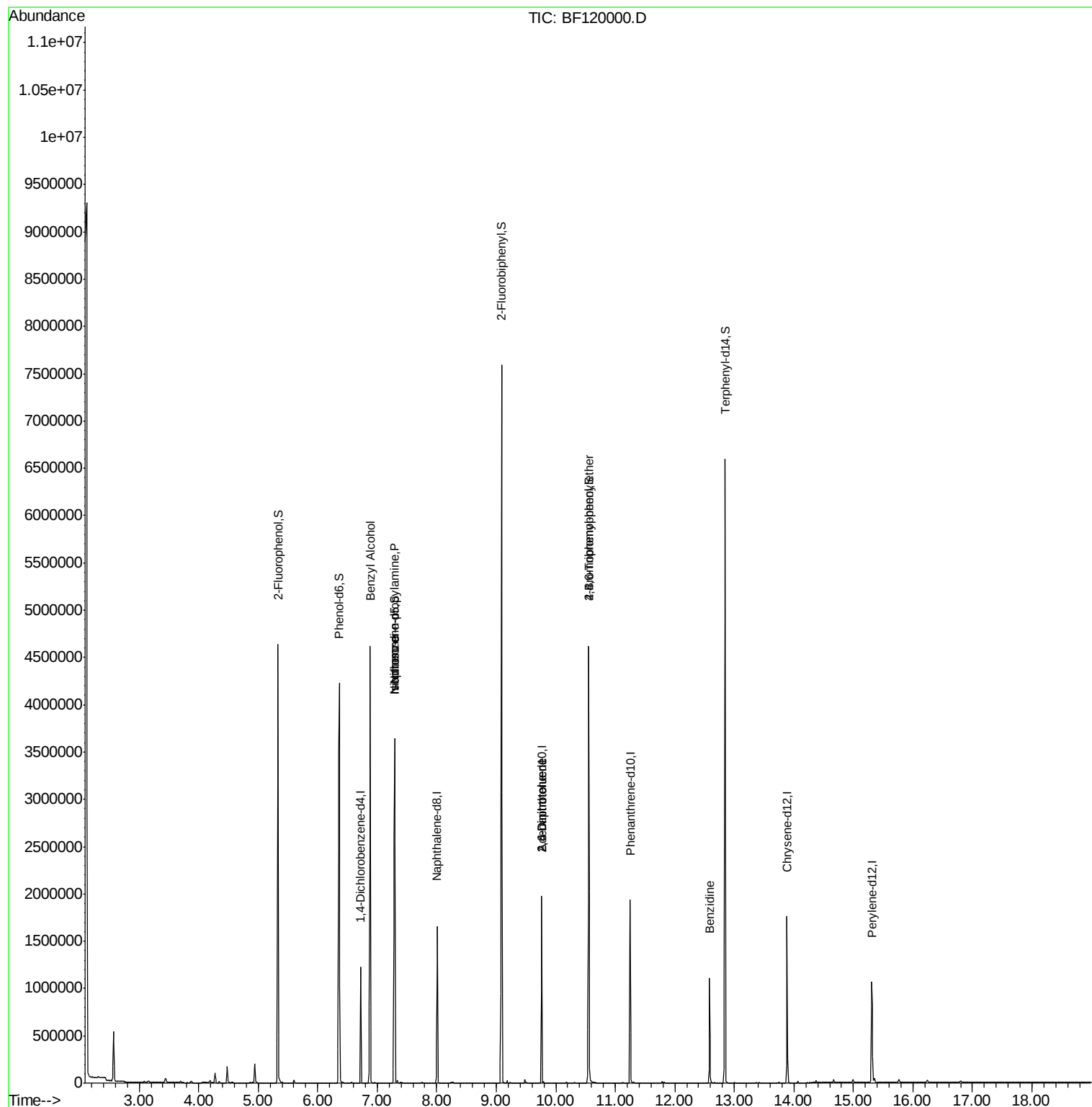
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	182122	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	701650	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	377739	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	747348	20.00	ng	0.00
76) Chrysene-d12	13.89	240	587433	20.00	ng	-0.01
87) Perylene-d12	15.31	264	466377	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	1453557	137.93	ng	0.01
7) Phenol-d6	6.36	99	1649366	121.46	ng	0.00
23) Nitrobenzene-d5	7.29	82	1308086	96.45	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	588481	127.24	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	2415707	90.80	ng	0.00
79) Terphenyl-d14	12.85	244	2941234	84.25	ng	0.00
Target Compounds						
9) Benzaldehyde	6.28	77	872	Below Cal		91
15) Benzyl Alcohol	6.88	79	21369	2.026 ng	#	49
19) n-Nitroso-di-n-propylamine	7.29	70	172643	19.771 ng	#	73
25) Isophorone	7.29	82	1303127	49.842 ng	#	65
51) 2,6-Dinitrotoluene	9.76	165	48241	7.540 ng	#	19
57) 2,4-Dinitrotoluene	9.76	165	48241	5.723 ng	#	23
67) 4-Bromophenyl-phenylether	10.56	248	37427	4.027 ng	#	1
77) Benzidine	12.59	184	382752	19.275 ng		96

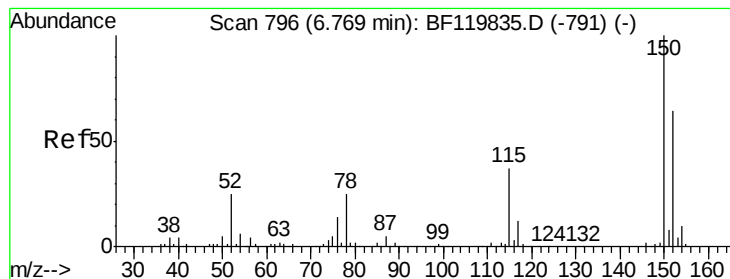
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041520\
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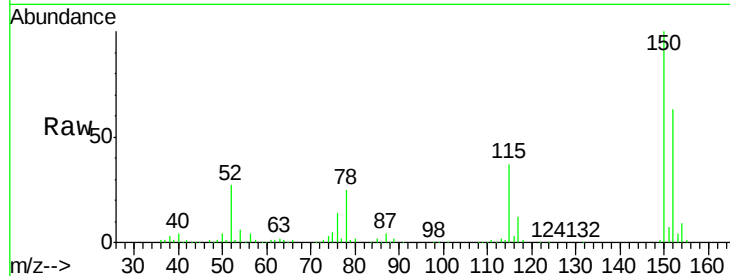


#1

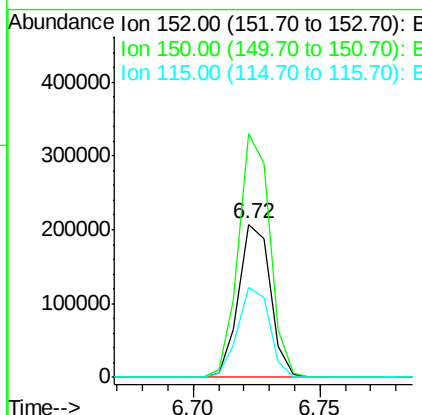
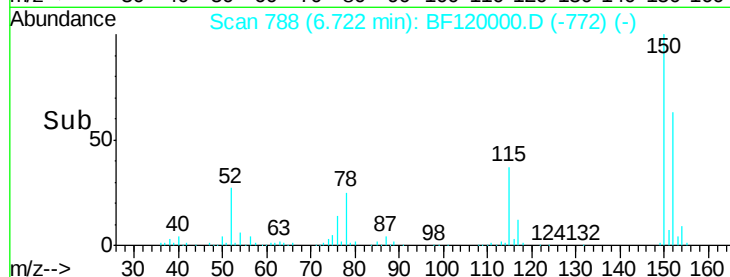
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF120000.D
Acq: 15 Apr 2020 18:11

Instrument :
BNA_F
ClientSampleId :
TP-5-13-14

Tot Ion:152 Resp: 182122
Ion Ratio Lower Upper
152 100
150 158.8 124.8 187.2
115 58.7 46.5 69.7



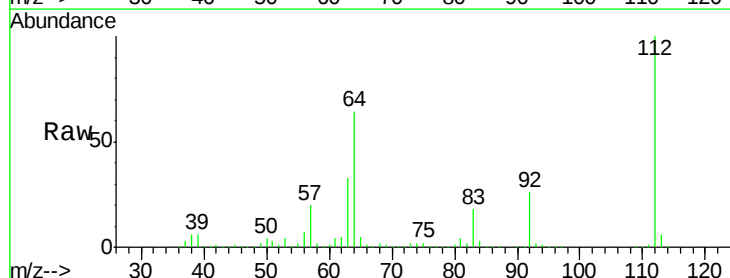
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



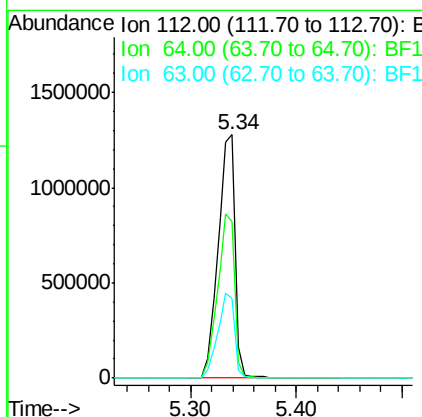
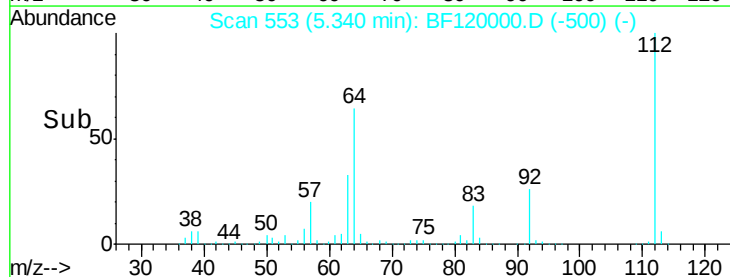
#5

2-Fluorophenol
Concen: 137.930 ng
RT: 5.34 min Scan# 553
Delta R.T. 0.01 min
Lab File: BF120000.D
Acq: 15 Apr 2020 18:11

Tgt Ion:112 Resp: 1453557
Ion Ratio Lower Upper
112 100
64 64.2 55.5 83.3
63 33.0 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: 121.463 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF120000.D

Acq: 15 Apr 2020 18:11

Instrument :

BNA_F

ClientSampleId :

TP-5-13-14

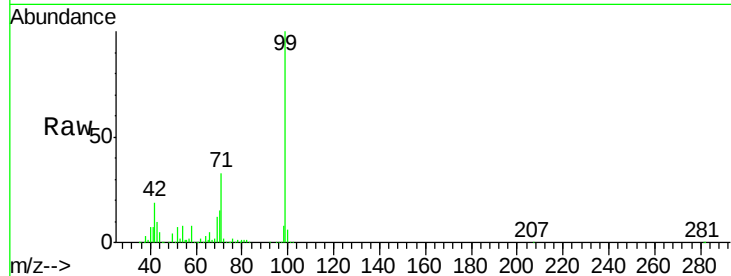
Tot Ion: 99 Resp: 1649366

Ion Ratio Lower Upper

99 100

42 18.9 16.9 25.3

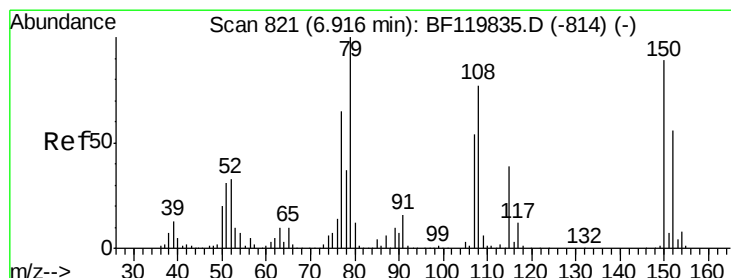
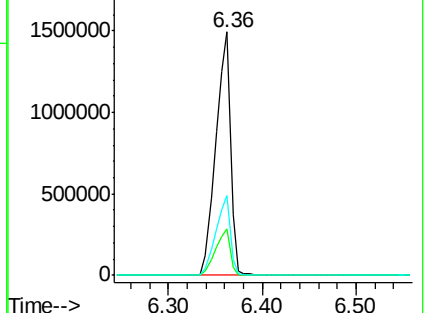
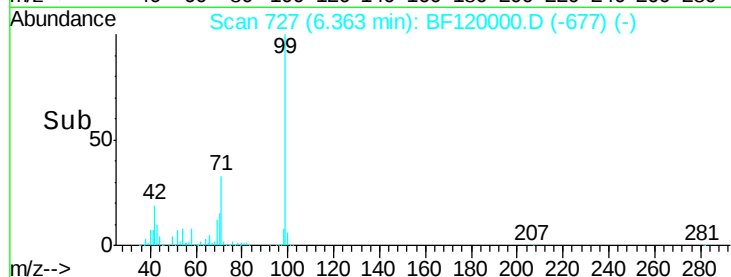
71 32.5 26.3 39.5



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: 2.026 ng

RT: 6.88 min Scan# 815

Delta R.T. 0.01 min

Lab File: BF120000.D

Acq: 15 Apr 2020 18:11

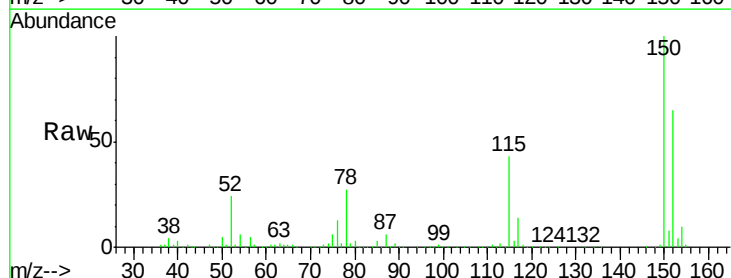
Tgt Ion: 79 Resp: 21369

Ion Ratio Lower Upper

79 100

108 25.4 62.0 93.0#

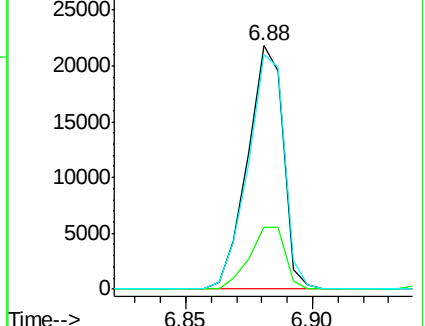
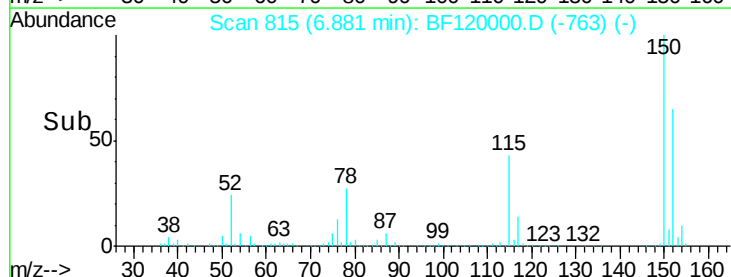
77 96.4 51.8 77.6#

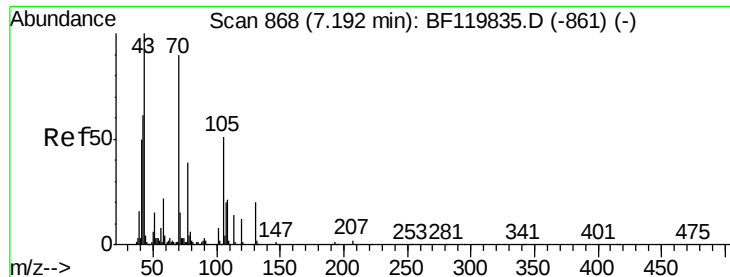


Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

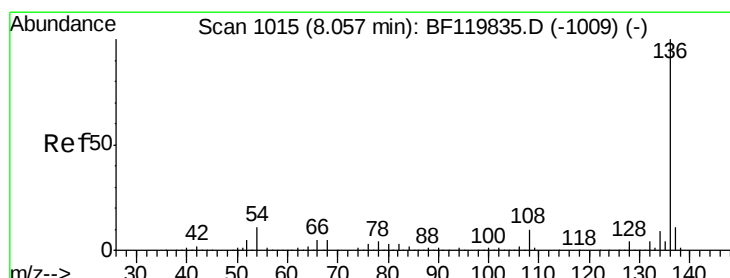
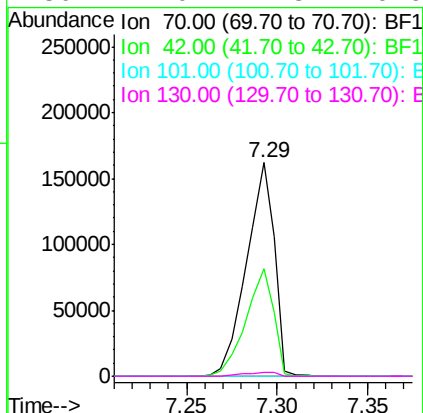
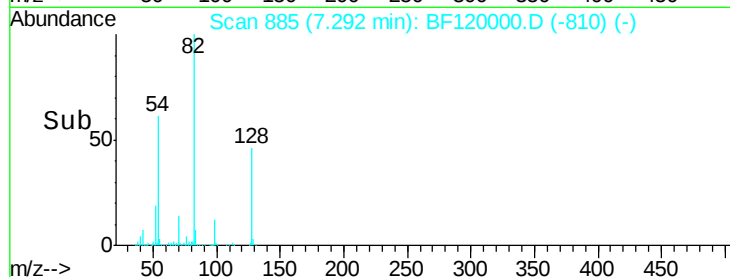
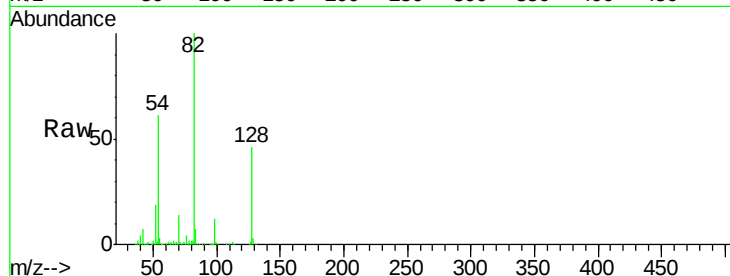




#19
n-Nitroso-di-n-propylamine
Concen: 19.771 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.14 min
Lab File: BF120000.D
Acq: 15 Apr 2020 18:11

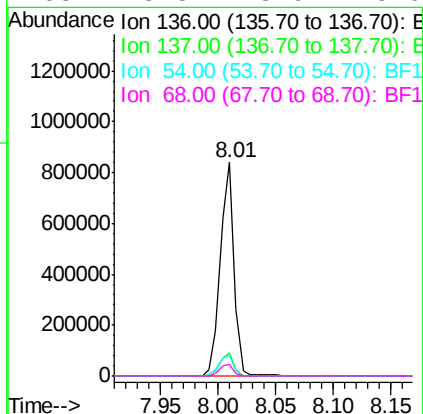
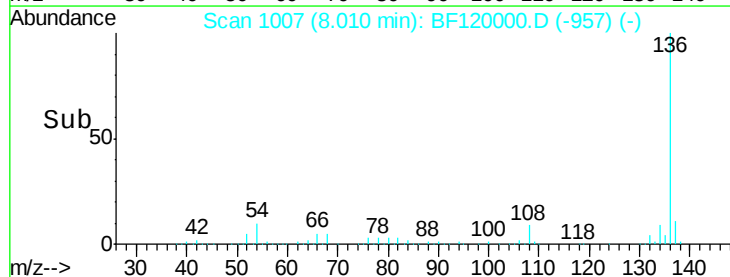
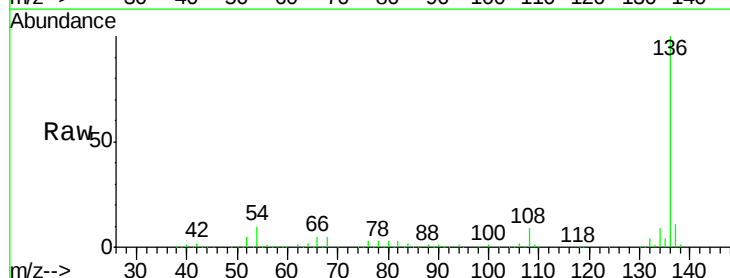
Instrument :
BNA_F
ClientSampled :
TP-5-13-14

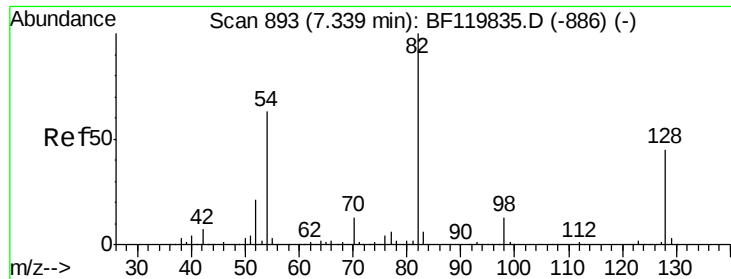
Tot Ion: 70 Resp: 172643
Ion Ratio Lower Upper
70 100
42 50.4 54.2 81.4#
101 0.0 7.4 11.2#
130 2.0 17.8 26.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF120000.D
Acq: 15 Apr 2020 18:11

Tgt Ion: 136 Resp: 701650
Ion Ratio Lower Upper
136 100
137 10.8 8.7 13.1
54 9.7 8.5 12.7
68 5.3 3.9 5.9

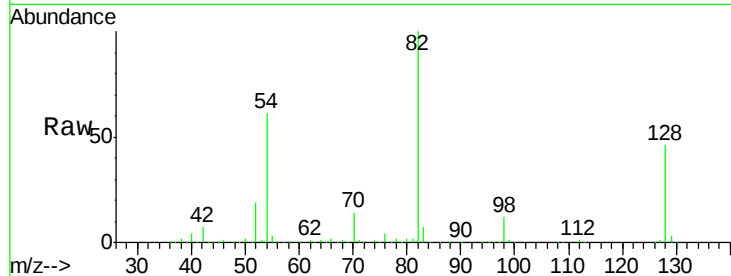




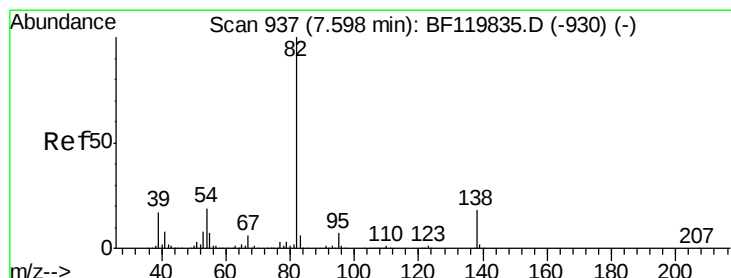
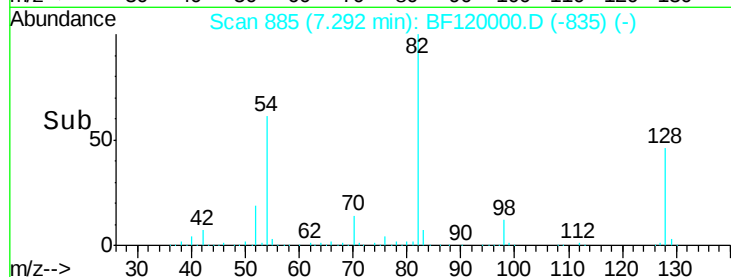
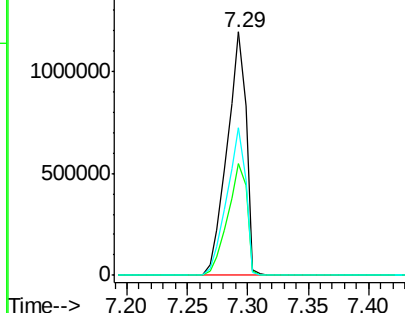
#23
 Nitrobenzene-d5
 Concen: 96.447 ng
 RT: 7.29 min Scan# 885
 Delta R.T. -0.01 min
 Lab File: BF120000.D
 Acq: 15 Apr 2020 18:11

Instrument :
 BNA_F
 ClientSampleId :
 TP-5-13-14

Tot Ion: 82 Resp: 1308086
 Ion Ratio Lower Upper
 82 100
 128 45.7 36.2 54.4
 54 60.7 50.4 75.6

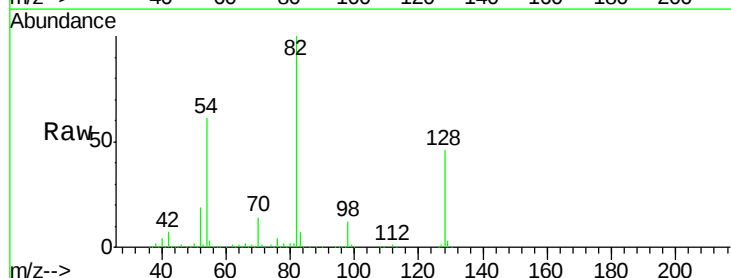


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

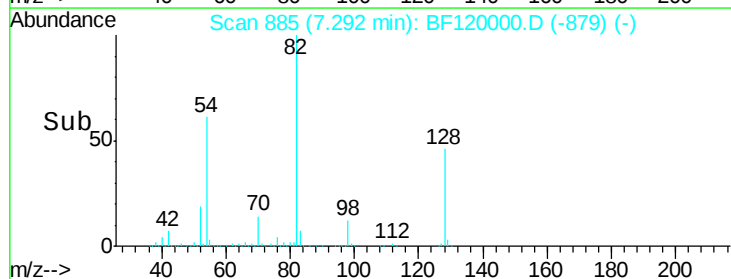
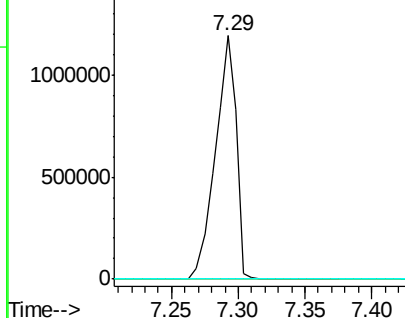


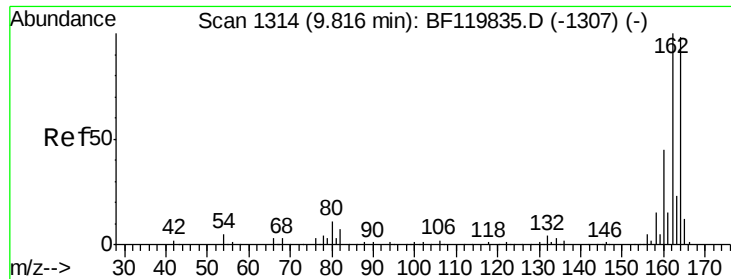
#25
 Isophorone
 Concen: 49.842 ng
 RT: 7.29 min Scan# 885
 Delta R.T. -0.26 min
 Lab File: BF120000.D
 Acq: 15 Apr 2020 18:11

Tgt Ion: 82 Resp: 1303127
 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

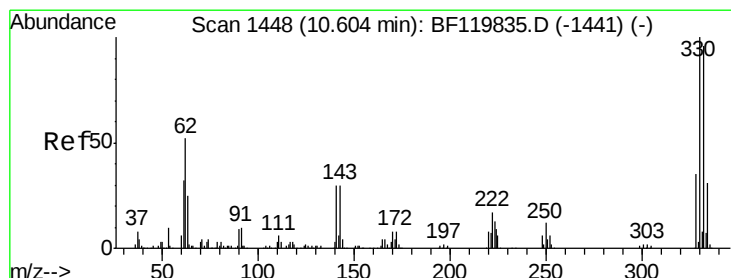
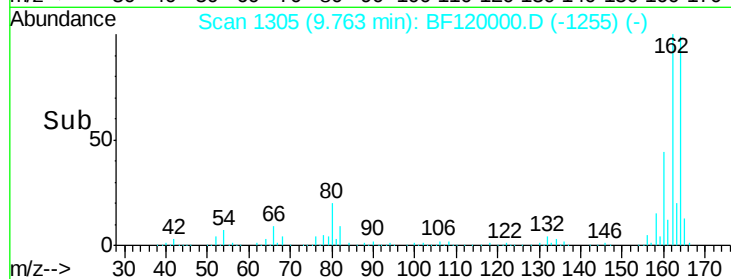
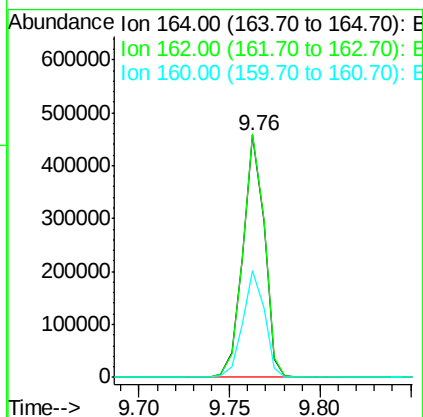
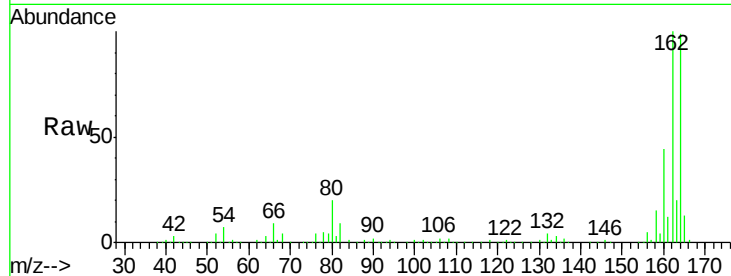




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF120000.D
Acq: 15 Apr 2020 18:11

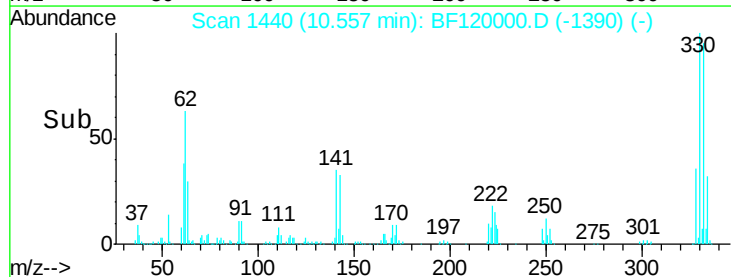
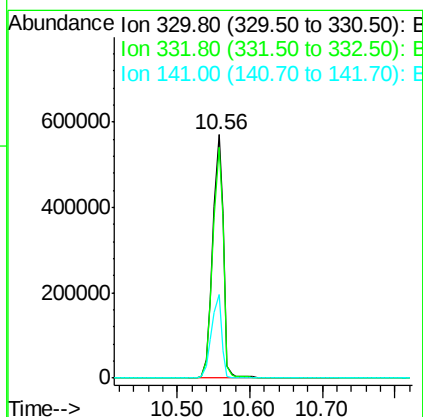
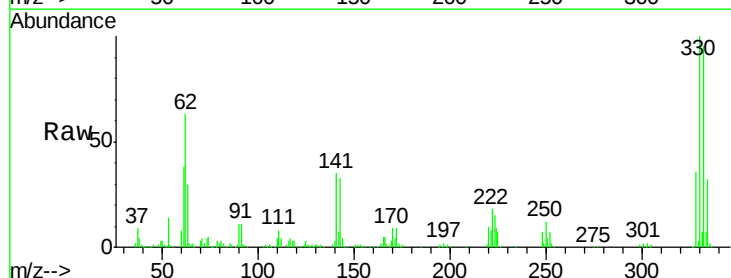
Instrument :
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ClientSampleId :
TP-5-13-14

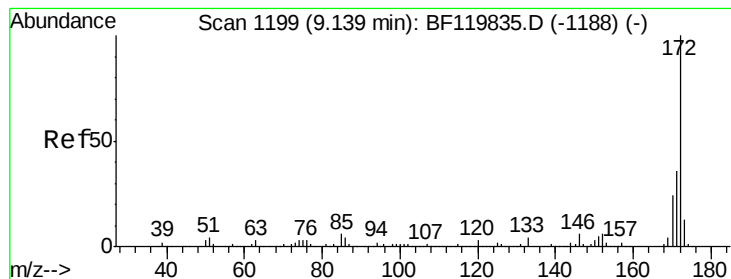
Tot Ion:164 Resp: 377739
Ion Ratio Lower Upper
164 100
162 100.6 81.9 122.9
160 43.9 36.6 54.8



#42
2,4,6-Tribromophenol
Concen: 127.244 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.01 min
Lab File: BF120000.D
Acq: 15 Apr 2020 18:11

Tgt Ion:330 Resp: 588481
Ion Ratio Lower Upper
330 100
332 94.6 76.8 115.2
141 33.2 25.1 37.7



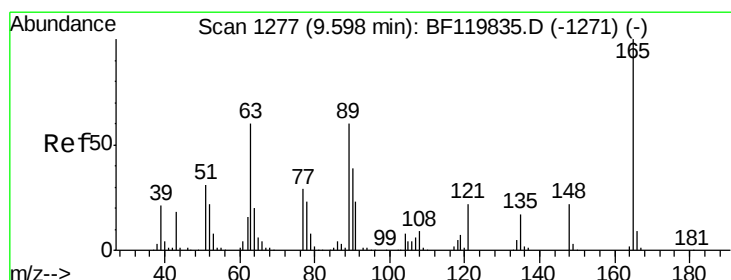
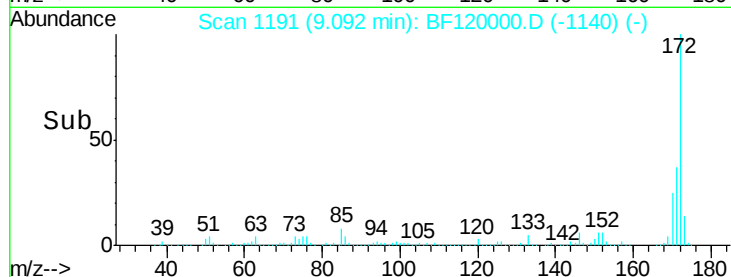
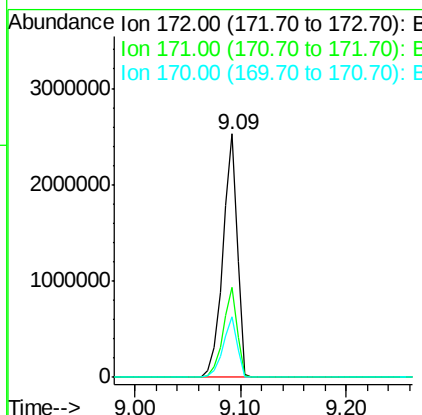
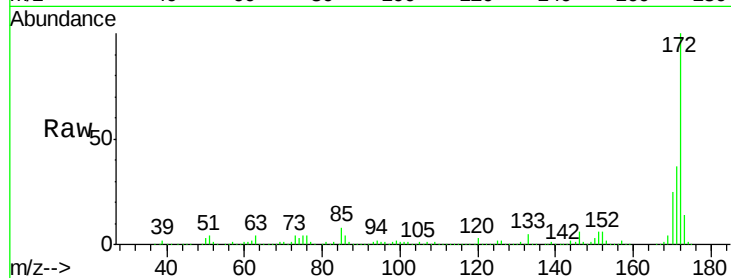


#45
 2-Fluorobiphenyl
 Concen: 90.798 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: BF120000.D
 Acq: 15 Apr 2020 18:11

Instrument :
 BNA_F
 ClientSampleId :
 TP-5-13-14

Tot Ion:172 Resp: 2415707

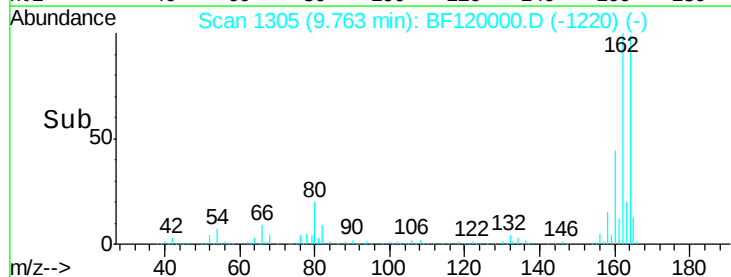
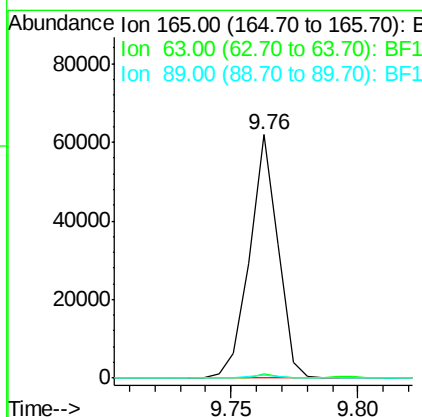
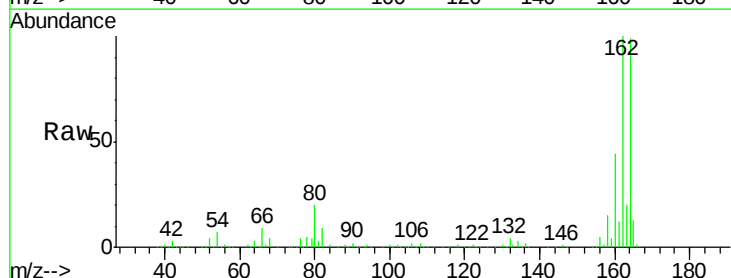
Ion	Ratio	Lower	Upper
172	100		
171	36.9	28.9	43.3
170	24.9	19.4	29.2

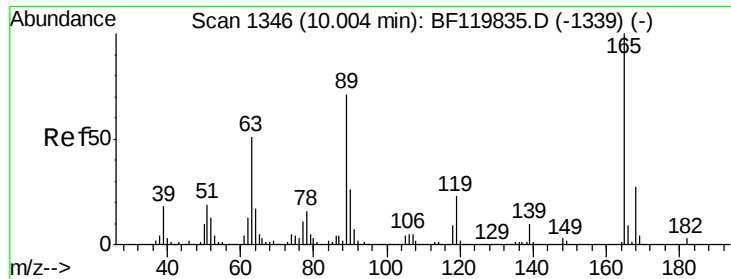


#51
 2,6-Dinitrotoluene
 Concen: 7.540 ng
 RT: 9.76 min Scan# 1305
 Delta R.T. 0.20 min
 Lab File: BF120000.D
 Acq: 15 Apr 2020 18:11

Tgt Ion:165 Resp: 48241

Ion	Ratio	Lower	Upper
165	100		
63	1.7	55.6	83.4#
89	1.0	47.9	71.9#

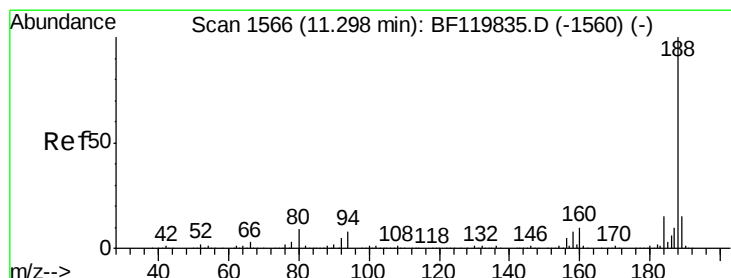
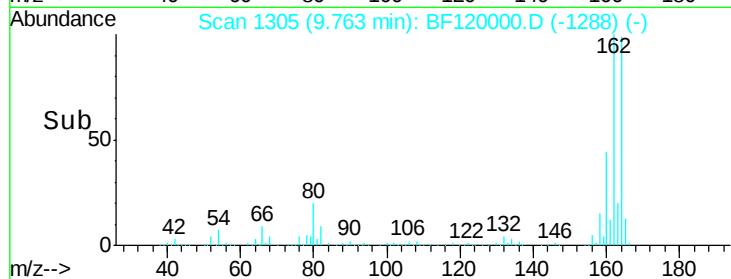
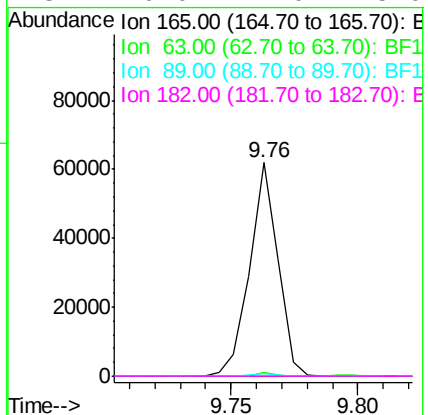
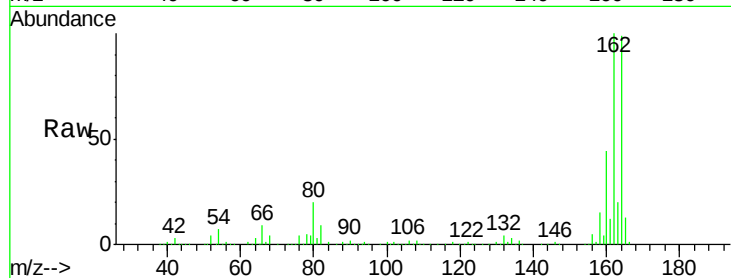




#57
 2,4-Dinitrotoluene
 Concen: 5.723 ng
 RT: 9.76 min Scan# 1305
 Delta R.T. -0.20 min
 Lab File: BF120000.D
 Acq: 15 Apr 2020 18:11

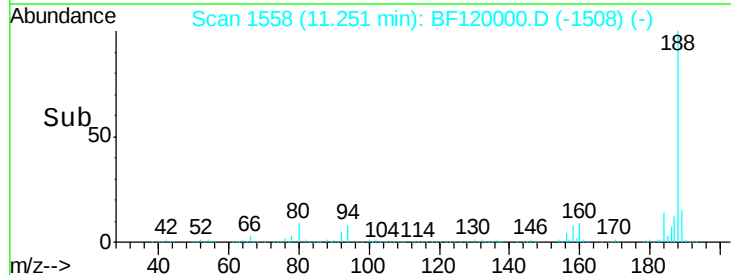
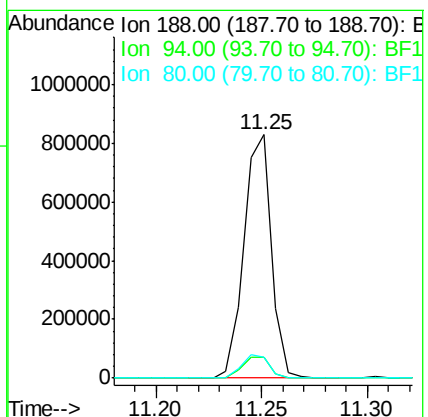
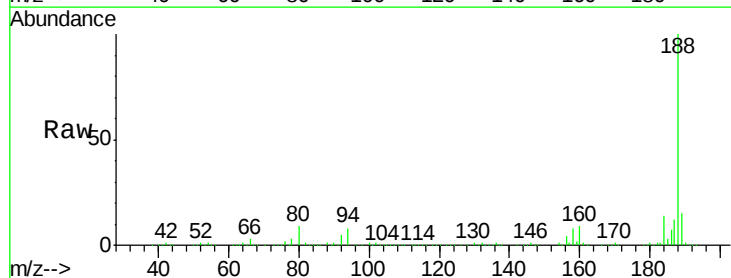
Instrument :
 BNA_F
 ClientSampleId :
 TP-5-13-14

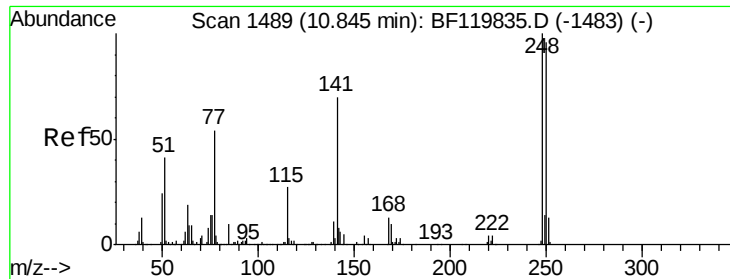
Tot Ion:165	Resp:	48241
Ion Ratio	Lower	Upper
165	100	
63	1.7	40.8 61.2#
89	1.0	56.9 85.3#
182	0.0	2.0 3.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.25 min Scan# 1558
 Delta R.T. -0.01 min
 Lab File: BF120000.D
 Acq: 15 Apr 2020 18:11

Tgt Ion:188	Resp:	747348
Ion Ratio	Lower	Upper
188	100	
94	8.4	6.7 10.1
80	8.6	7.4 11.2

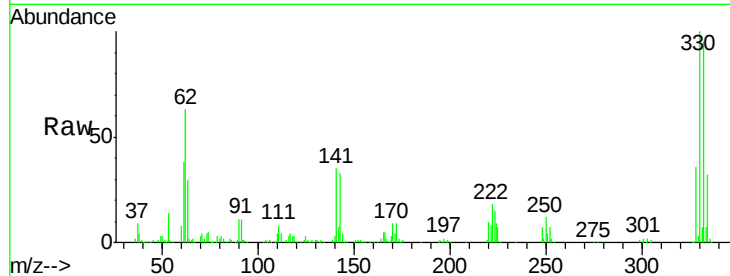




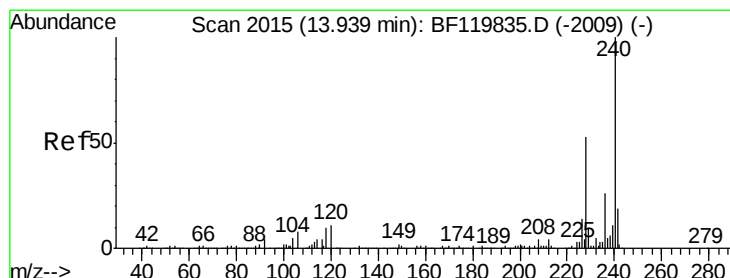
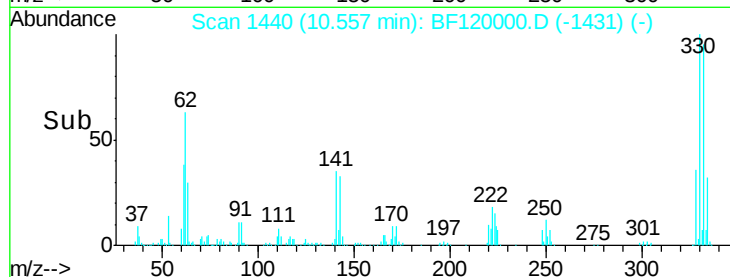
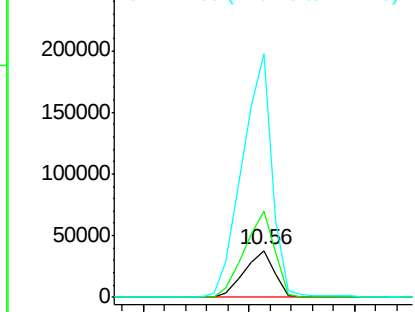
#67
4-Bromophenyl-phenylether
Concen: 4.027 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.25 min
Lab File: BF120000.D
Acq: 15 Apr 2020 18:11

Instrument :
BNA_F
ClientSampleId :
TP-5-13-14

Tot Ion:248 Resp: 37427
Ion Ratio Lower Upper
248 100
250 186.5 76.6 114.8#
141 523.5 55.9 83.9#

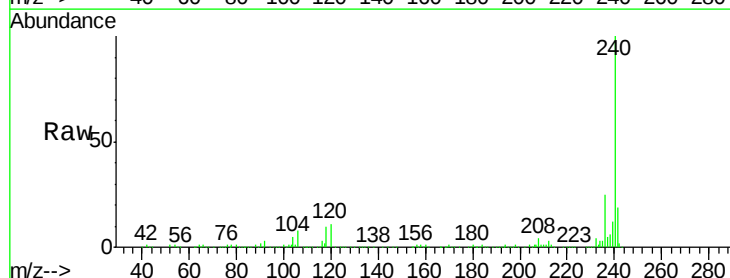


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

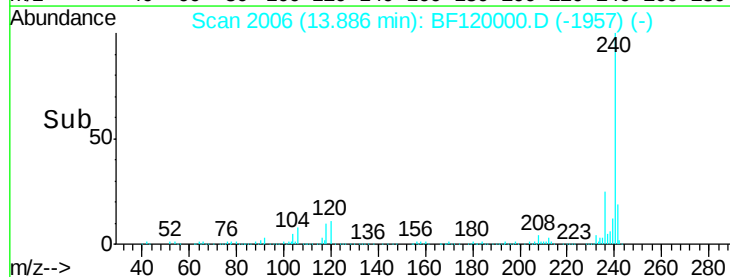
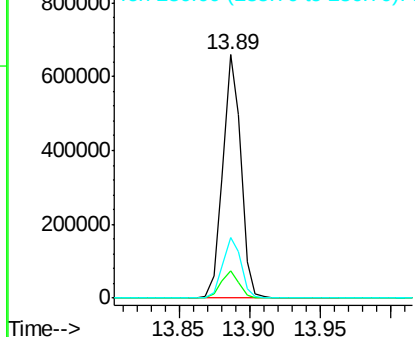


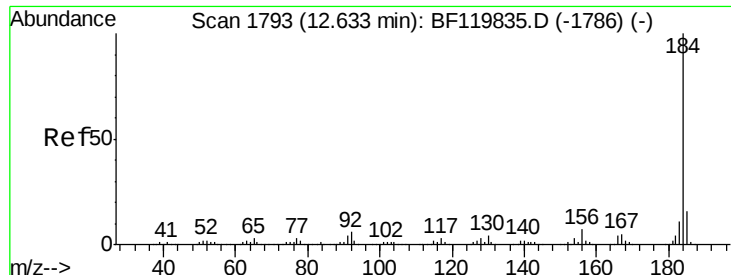
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.89 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BF120000.D
Acq: 15 Apr 2020 18:11

Tgt Ion:240 Resp: 587433
Ion Ratio Lower Upper
240 100
120 11.5 9.0 13.6
236 24.8 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

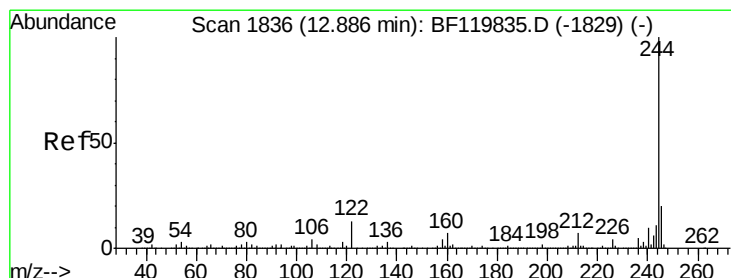
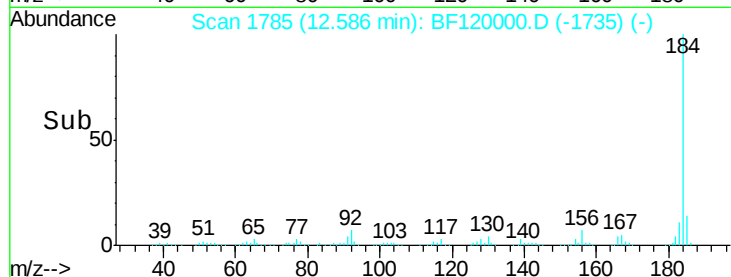
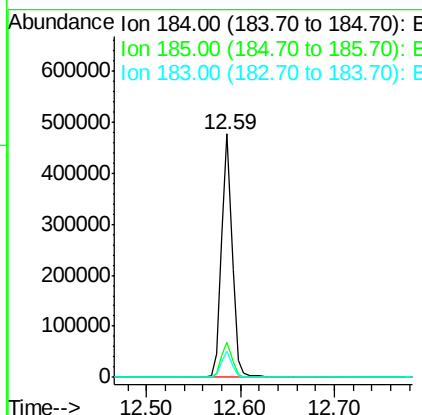
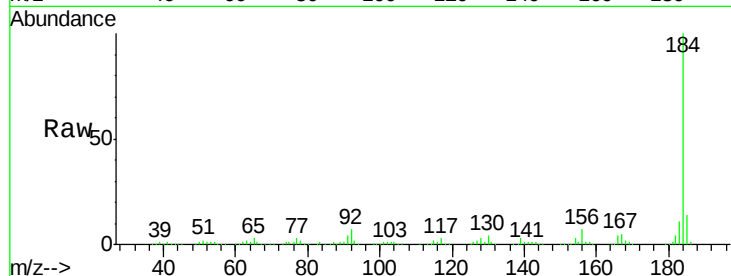




#77
Benzidine
Concen: 19.275 ng
RT: 12.59 min Scan# 1785
Delta R.T. -0.01 min
Lab File: BF120000.D
Acq: 15 Apr 2020 18:11

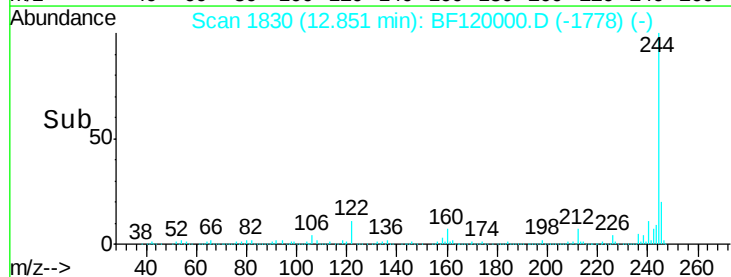
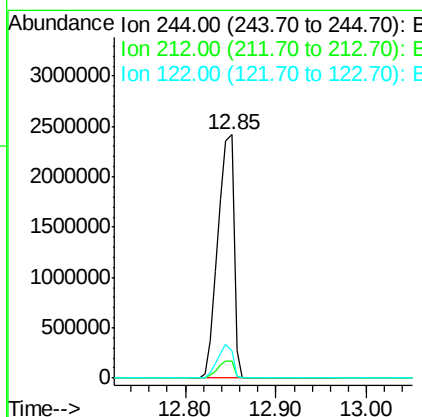
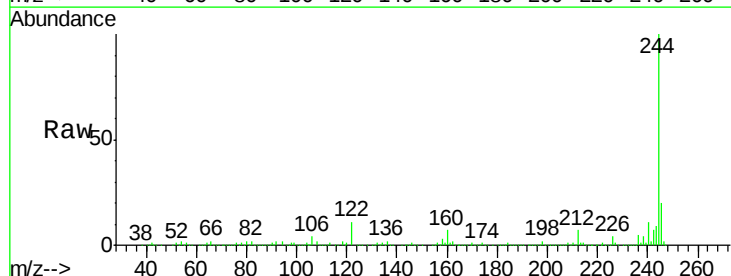
Instrument :
BNA_F
ClientSampleId :
TP-5-13-14

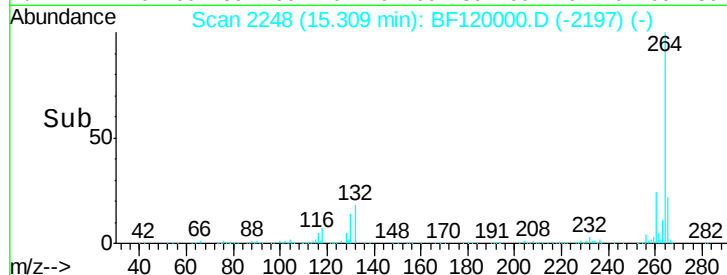
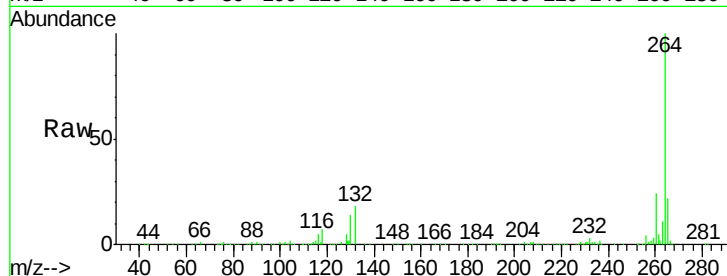
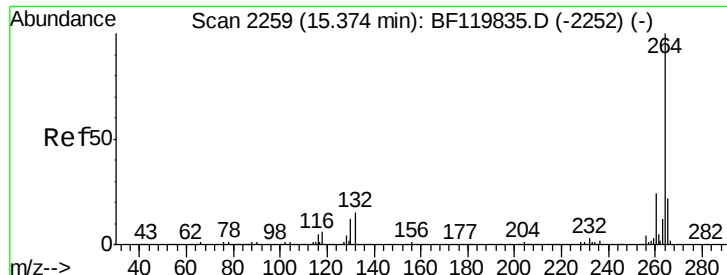
Tot Ion:184 Resp: 382752
Ion Ratio Lower Upper
184 100
185 14.3 13.2 19.8
183 10.5 9.1 13.7



#79
Terphenyl-d14
Concen: 84.249 ng
RT: 12.85 min Scan# 1830
Delta R.T. 0.01 min
Lab File: BF120000.D
Acq: 15 Apr 2020 18:11

Tgt Ion:244 Resp: 2941234
Ion Ratio Lower Upper
244 100
212 6.9 5.4 8.0
122 11.2 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: BF120000.D
Acq: 15 Apr 2020 18:11

Instrument :
BNA_F
ClientSampleId :
TP-5-13-14

Tot Ion:264	Resp:	466377
Ion	Ratio	Lower Upper
264	100	
260	24.0	19.3 28.9
265	22.3	17.6 26.4

