

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030520\
 Data File : BF119219.D
 Acq On : 5 Mar 2020 18:34
 Operator : CG/JU
 Sample : PB127191BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 06 06:27:51 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 26 16:03:05 2020
 Response via : Initial Calibration

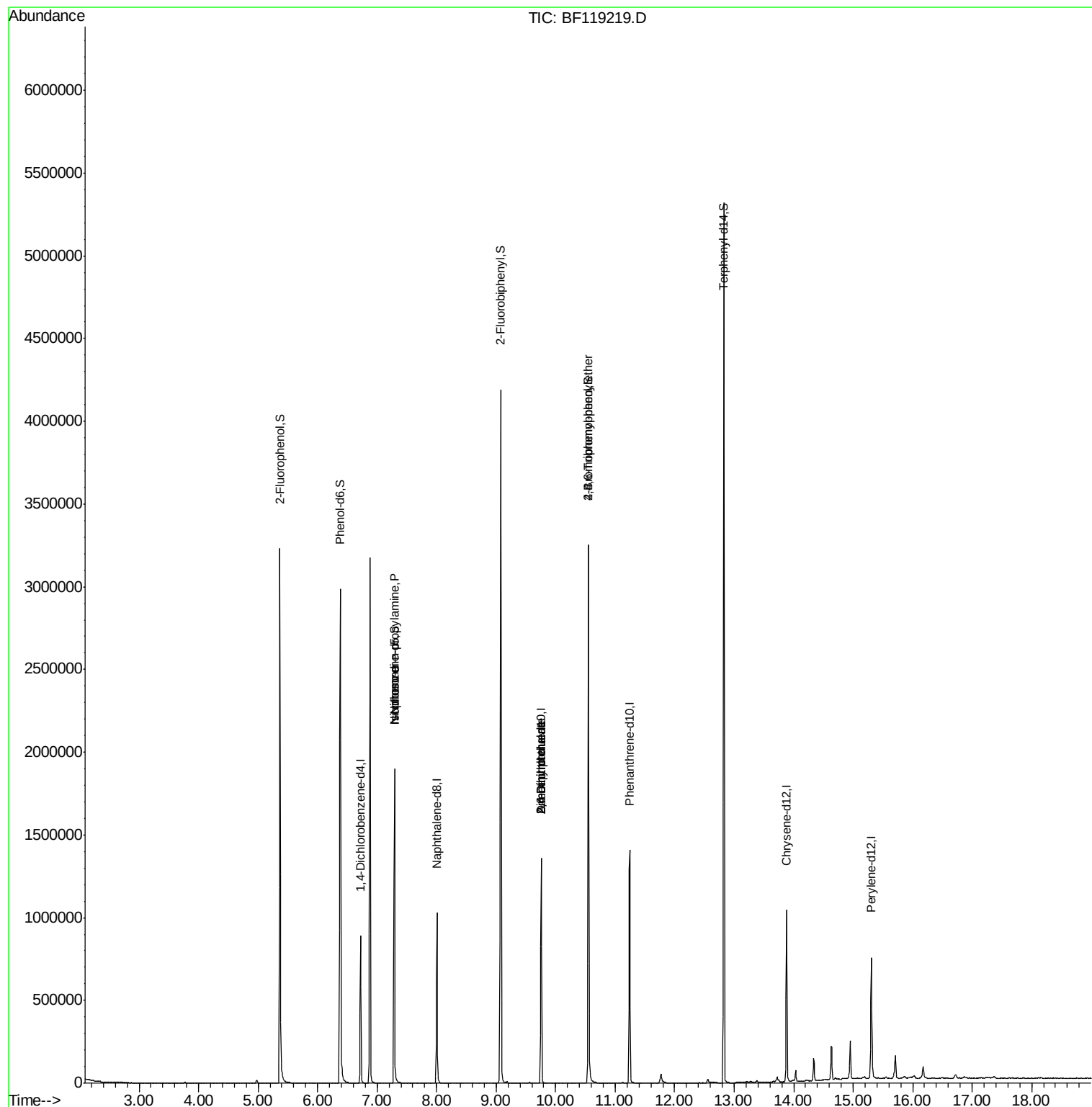
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	138191	20.00	ng	-0.02
21) Naphthalene-d8	8.00	136	529060	20.00	ng	-0.03
39) Acenaphthene-d10	9.76	164	299913	20.00	ng	-0.03
64) Phenanthrene-d10	11.24	188	564252	20.00	ng	-0.02
76) Chrysene-d12	13.88	240	352905	20.00	ng	-0.02
87) Perylene-d12	15.31	264	282078	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	1014733	122.71	ng	0.00
7) Phenol-d6	6.38	99	1236666	122.97	ng	-0.02
23) Nitrobenzene-d5	7.29	82	827508	82.59	ng	-0.03
42) 2,4,6-Tribromophenol	10.55	330	471556	120.19	ng	-0.02
45) 2-Fluorobiphenyl	9.08	172	1671341	82.10	ng	-0.03
79) Terphenyl-d14	12.83	244	2092104	102.06	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.29	70	113369	19.346	ng	# 76
25) Isophorone	7.29	82	818811	47.053	ng	# 63
50) Dimethylphthalate	9.76	163	61954	2.701	ng	# 1
51) 2,6-Dinitrotoluene	9.76	165	38751	7.605	ng	# 33
57) 2,4-Dinitrotoluene	9.76	165	38751	5.868	ng	# 21
67) 4-Bromophenyl-phenylether	10.55	248	31161	4.225	ng	# 1

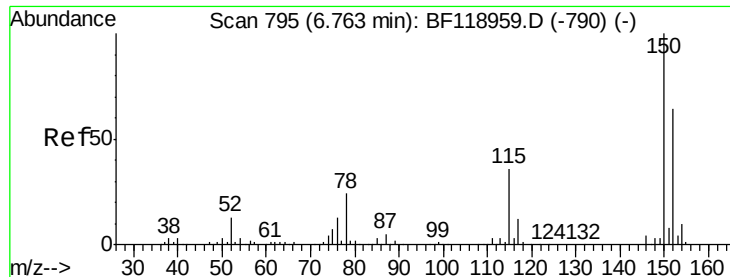
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030520\
Data File : BF119219.D
Acq On : 5 Mar 2020 18:34
Operator : CG/JU
Sample : PB127191BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Mar 06 06:27:51 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 26 16:03:05 2020
Response via : Initial Calibration



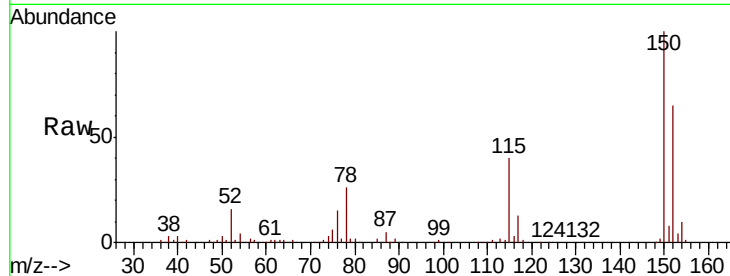


#1

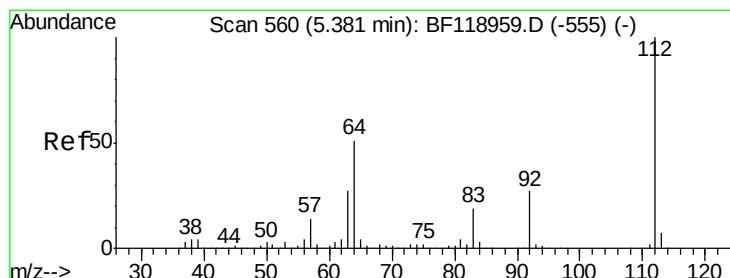
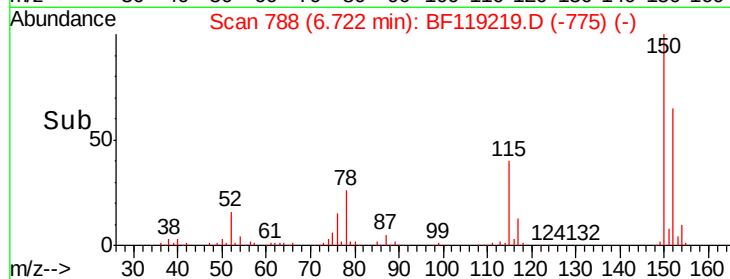
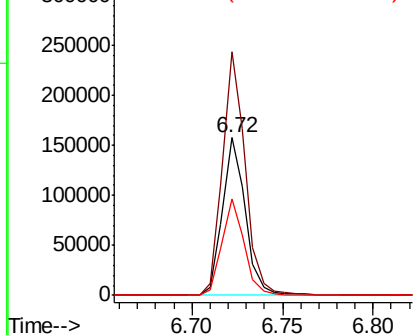
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.02 min
Lab File: BF119219.D
Acq: 5 Mar 2020 18:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 138191
Ion Ratio Lower Upper
152 100
150 154.7 123.0 184.6
115 61.5 49.5 74.3



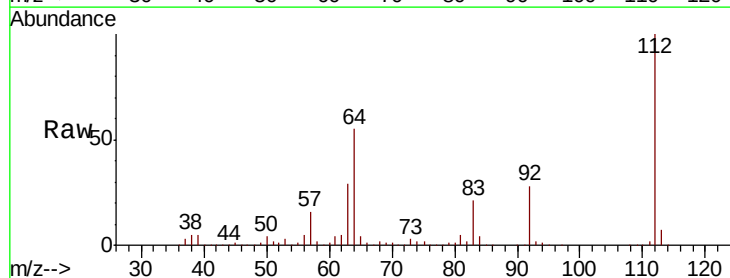
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



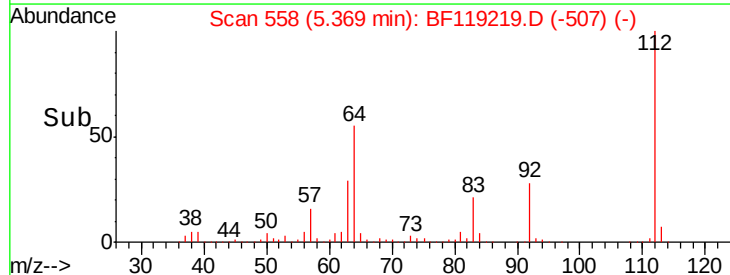
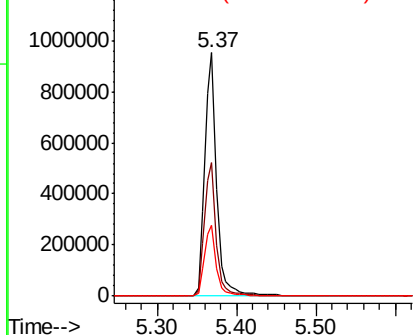
#5

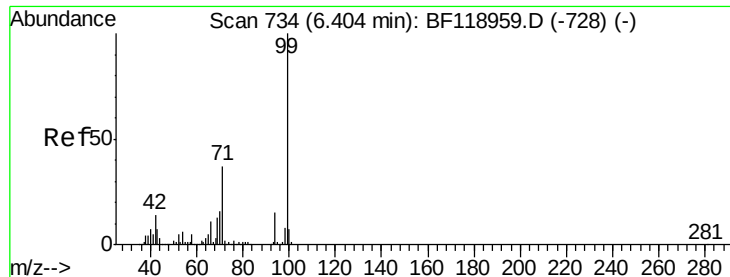
2-Fluorophenol
Concen: 122.714 ng
RT: 5.37 min Scan# 558
Delta R.T. -0.00 min
Lab File: BF119219.D
Acq: 5 Mar 2020 18:34

Tgt Ion:112 Resp: 1014733
Ion Ratio Lower Upper
112 100
64 54.6 45.0 67.4
63 29.1 24.2 36.4



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: 122.969 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.02 min

Lab File: BF119219.D

Acq: 5 Mar 2020 18:34

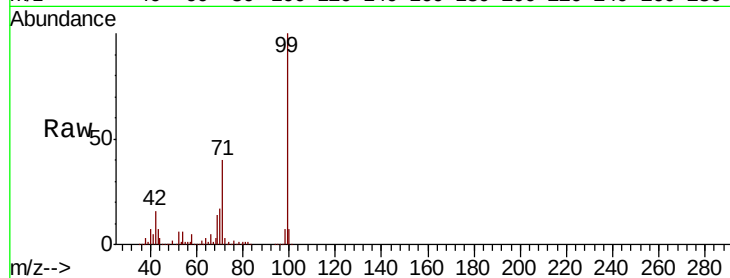
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 1236666

Ion	Ratio	Lower	Upper
99	100		
42	15.7	12.6	18.8
71	39.8	31.0	46.4

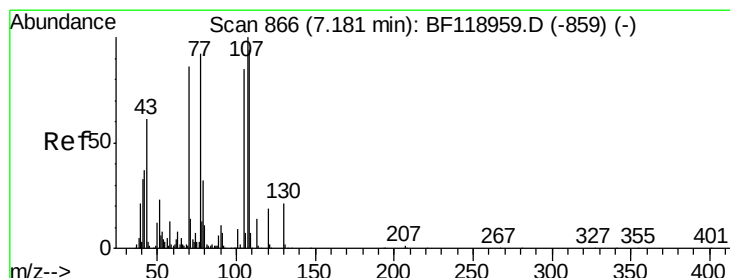
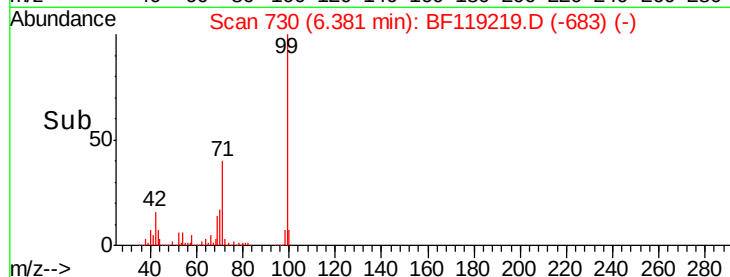


Abundance

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



#19

n-Nitroso-di-n-propylamine

Concen: 19.346 ng

RT: 7.29 min Scan# 884

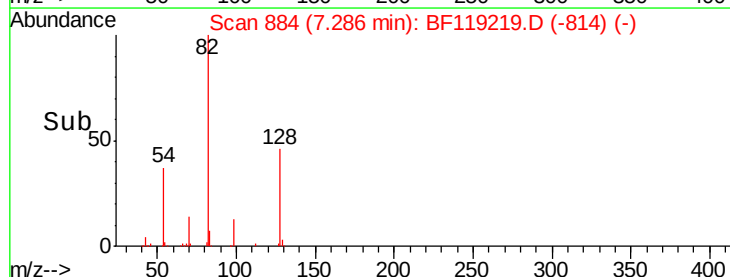
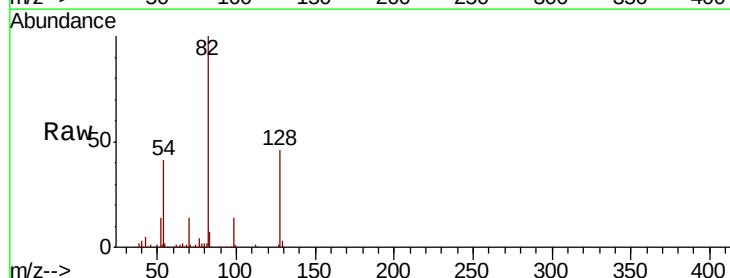
Delta R.T. 0.11 min

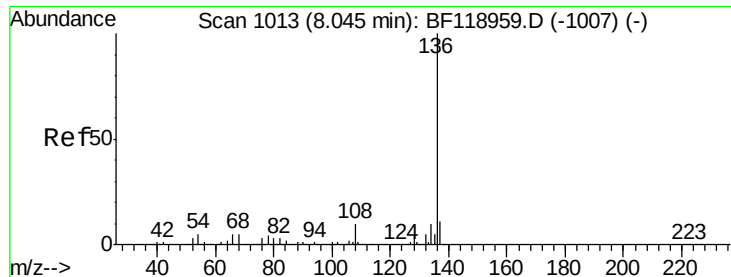
Lab File: BF119219.D

Acq: 5 Mar 2020 18:34

Tgt Ion: 70 Resp: 113369

Ion	Ratio	Lower	Upper
70	100		
42	37.3	38.0	57.0#
101	0.0	8.2	12.4#
130	2.4	18.2	27.4#

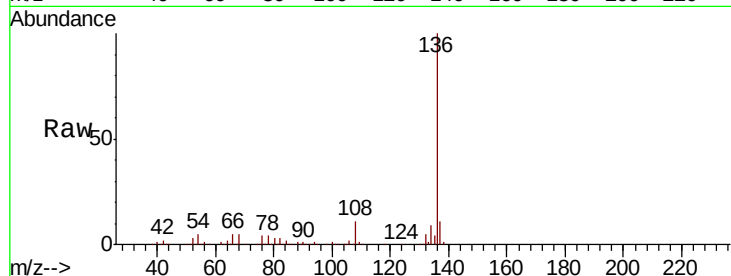




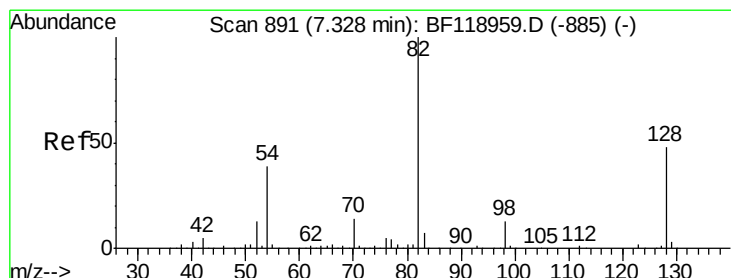
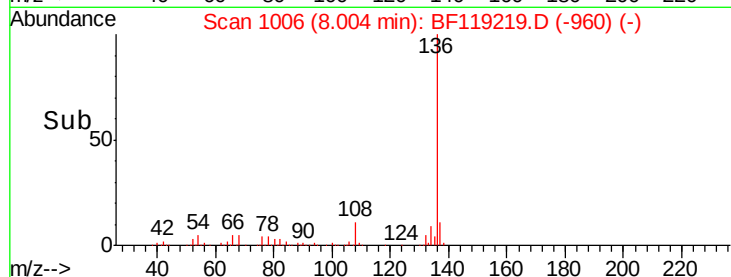
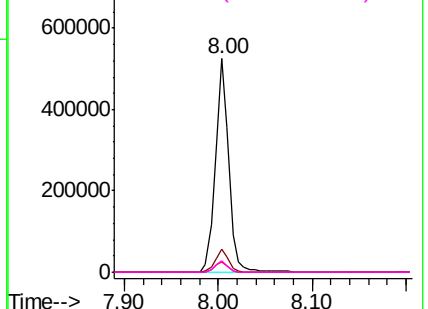
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.03 min
Lab File: BF119219.D
Acq: 5 Mar 2020 18:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	529060
Ion	Ratio	Lower Upper
136	100	
137	10.8	8.8 13.2
54	4.9	3.8 5.6
68	5.4	3.9 5.9

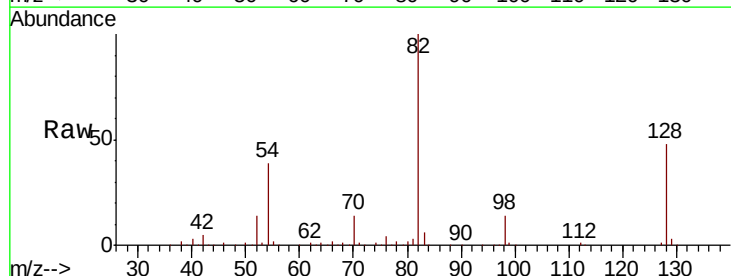


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

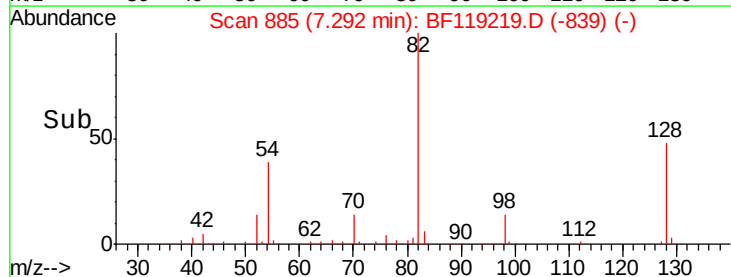
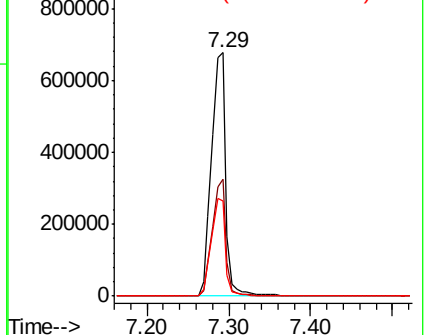


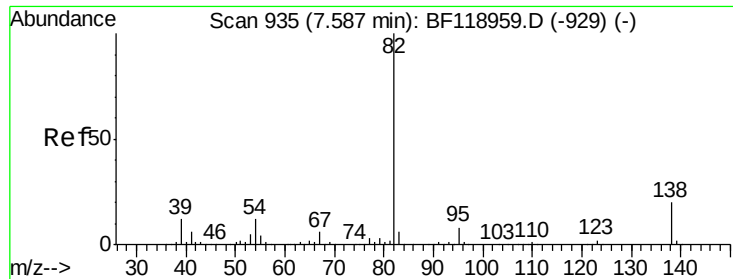
#23
Nitrobenzene-d5
Concen: 82.585 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.03 min
Lab File: BF119219.D
Acq: 5 Mar 2020 18:34

Tgt Ion: 82	Resp:	827508
Ion	Ratio	Lower Upper
82	100	
128	47.9	37.9 56.9
54	39.2	33.4 50.2



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

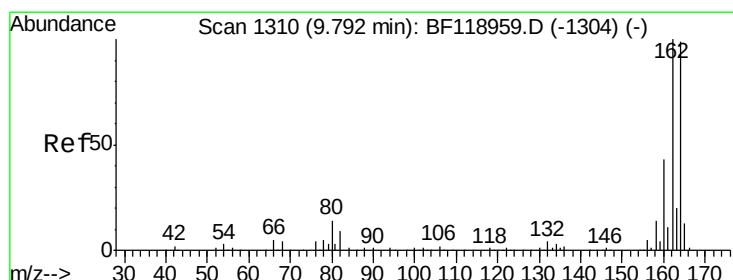
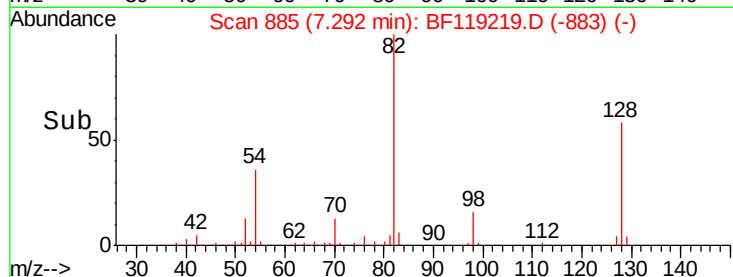
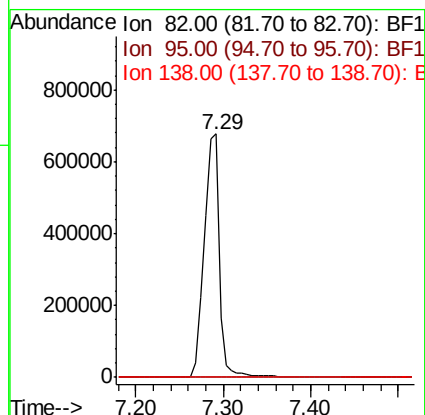
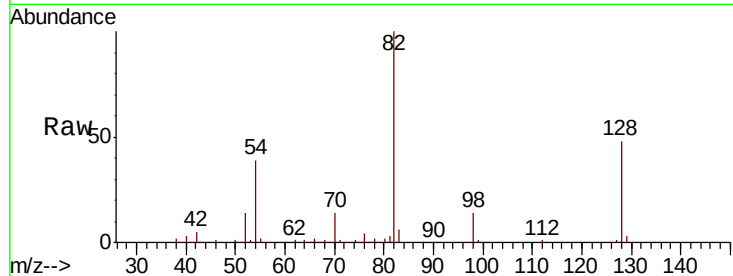




#25
Isophorone
Concen: 47.053 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.29 min
Lab File: BF119219.D
Acq: 5 Mar 2020 18:34

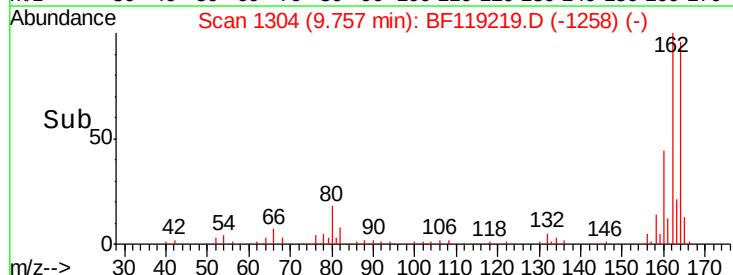
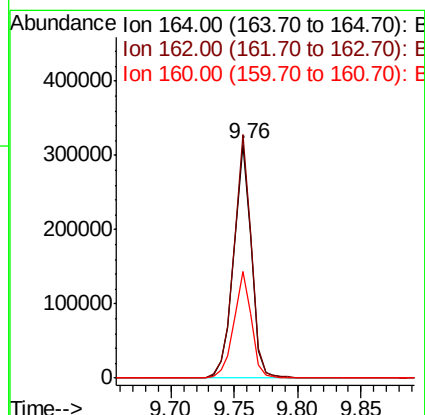
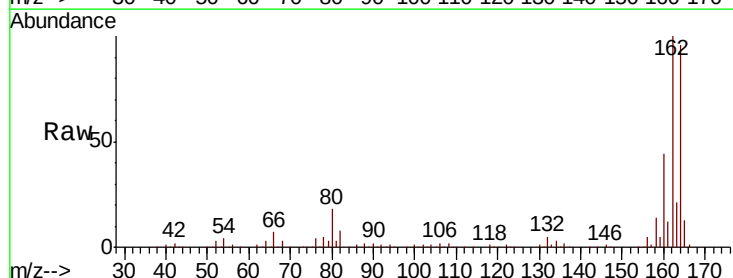
Instrument :
BNA_F
ClientSampleId :

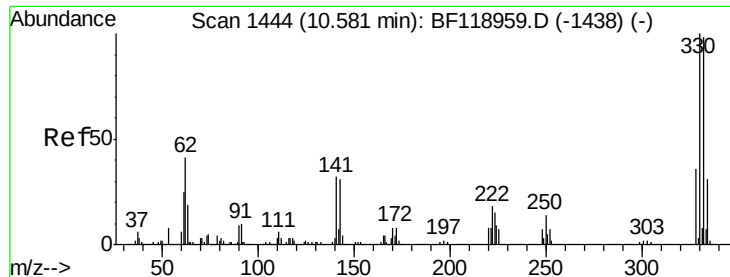
Tot Ion: 82 Resp: 818811
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 15.7 23.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.03 min
Lab File: BF119219.D
Acq: 5 Mar 2020 18:34

Tgt Ion: 164 Resp: 299913
Ion Ratio Lower Upper
164 100
162 104.2 81.8 122.8
160 45.5 36.0 54.0





#42

2,4,6-Tribromophenol

Concen: 120.192 ng

RT: 10.55 min Scan# 1439

Delta R.T. -0.02 min

Lab File: BF119219.D

Acq: 5 Mar 2020 18:34

Instrument :

BNA_F

ClientSampleId :

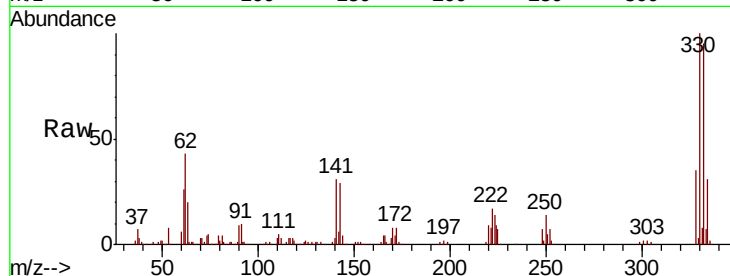
Tot Ion:330 Resp: 471556

Ion Ratio Lower Upper

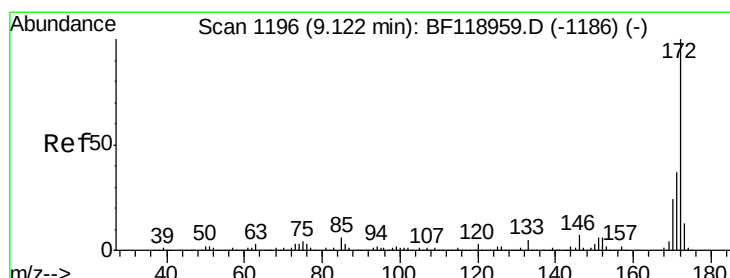
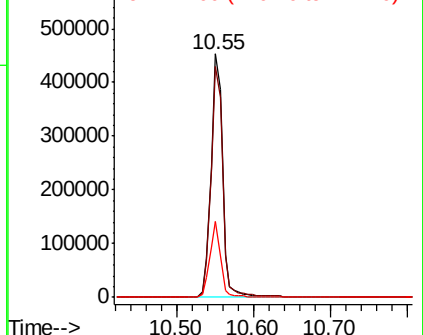
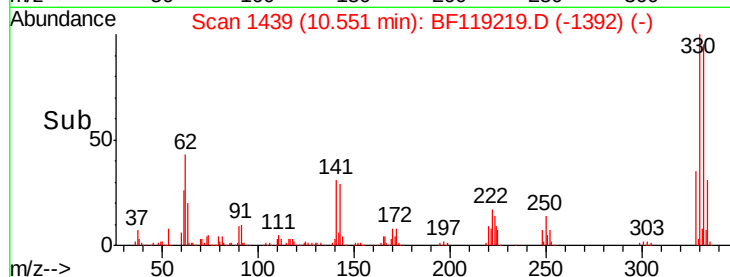
330 100

332 96.0 76.0 114.0

141 29.4 22.9 34.3



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: 82.096 ng

RT: 9.08 min Scan# 1189

Delta R.T. -0.03 min

Lab File: BF119219.D

Acq: 5 Mar 2020 18:34

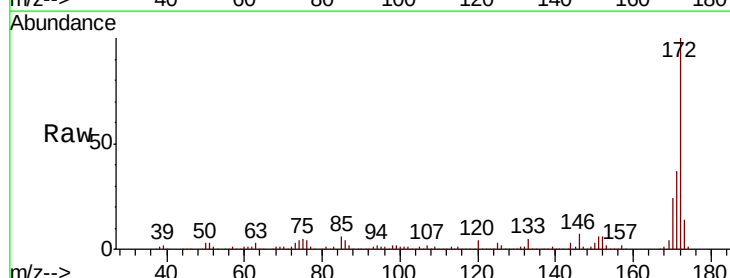
Tgt Ion:172 Resp: 1671341

Ion Ratio Lower Upper

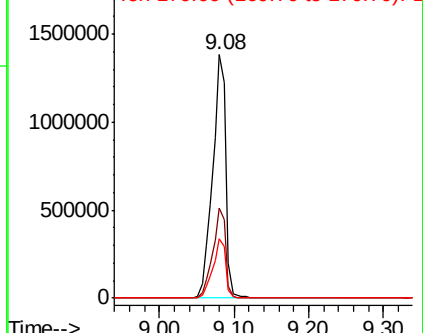
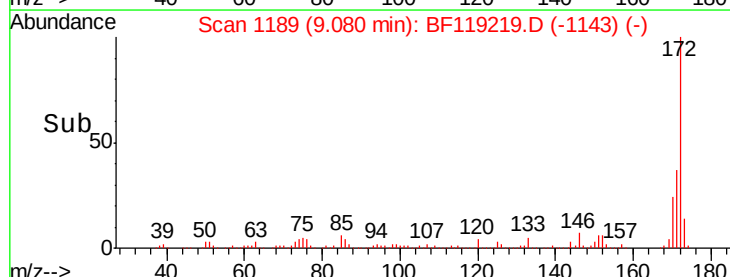
172 100

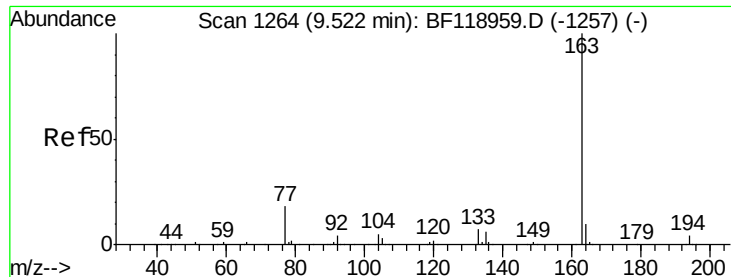
171 37.0 30.6 45.8

170 24.4 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

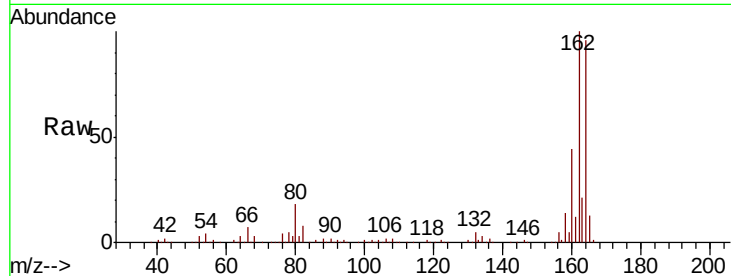




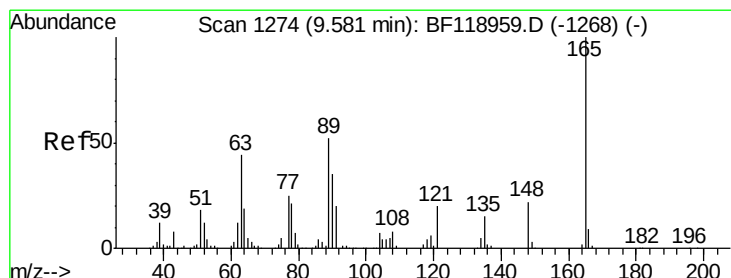
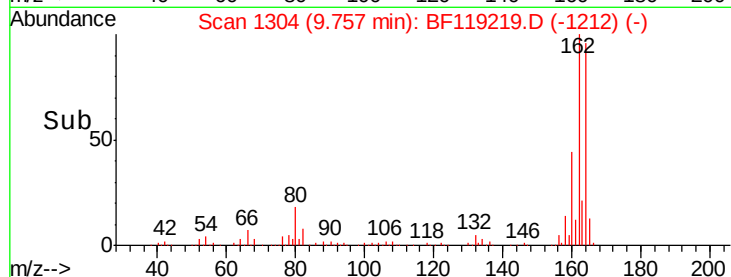
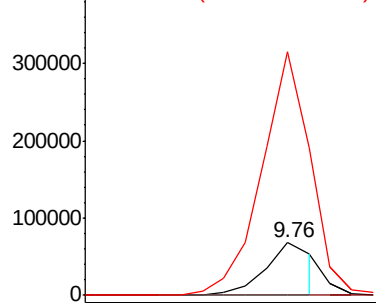
#50
Dimethylphthalate
Concen: 2.701 ng
RT: 9.76 min Scan# 1304
Delta R.T. 0.24 min
Lab File: BF119219.D
Acq: 5 Mar 2020 18:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 61954
Ion Ratio Lower Upper
163 100
194 0.0 3.5 5.3#
164 461.0 8.4 12.6#

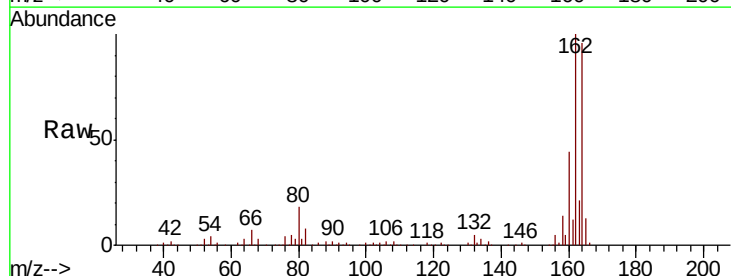


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

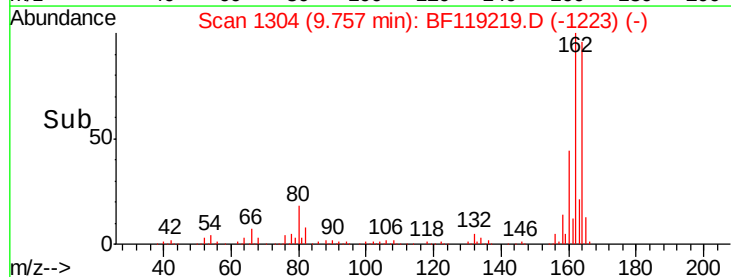
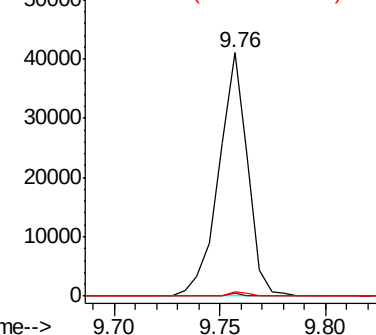


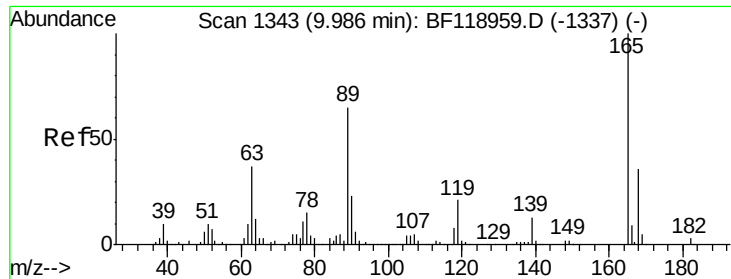
#51
2,6-Dinitrotoluene
Concen: 7.605 ng
RT: 9.76 min Scan# 1304
Delta R.T. 0.18 min
Lab File: BF119219.D
Acq: 5 Mar 2020 18:34

Tgt Ion:165 Resp: 38751
Ion Ratio Lower Upper
165 100
63 1.3 34.3 51.5#
89 1.7 38.3 57.5#



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

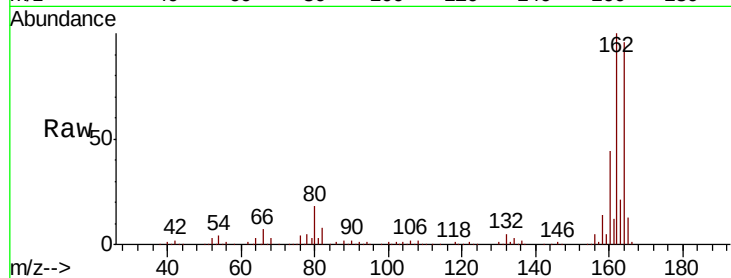




#57
 2,4-Dinitrotoluene
 Concen: 5.868 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. -0.23 min
 Lab File: BF119219.D
 Acq: 5 Mar 2020 18:34

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.3	42.3	63.5#
89	1.7	60.2	90.4#
182	0.0	2.3	3.5#



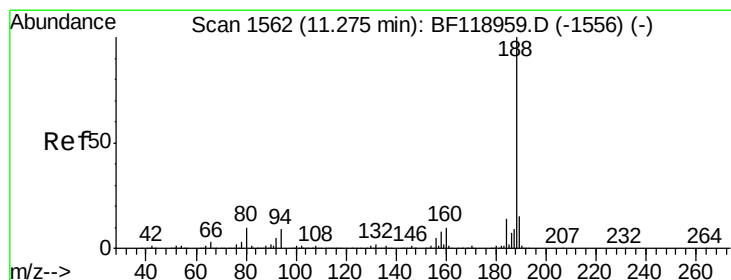
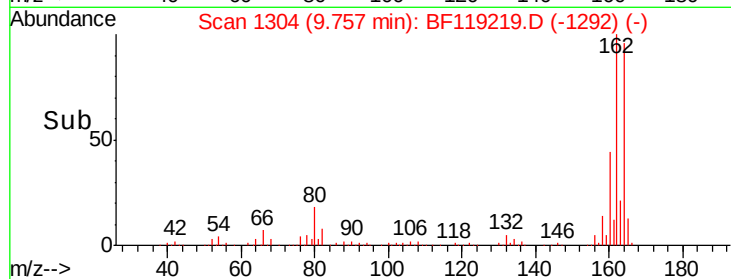
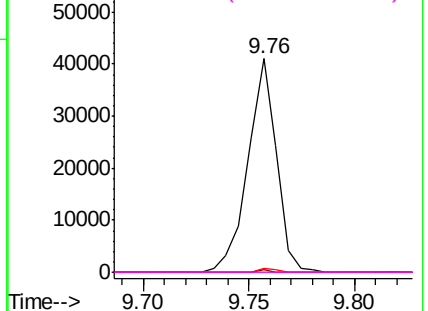
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

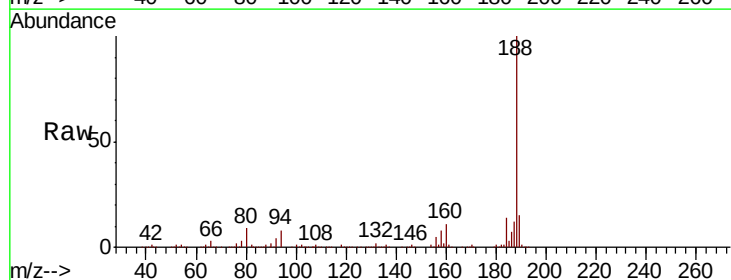
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.24 min Scan# 1557
 Delta R.T. -0.02 min
 Lab File: BF119219.D
 Acq: 5 Mar 2020 18:34

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.7	7.1	10.7
80	8.7	7.8	11.8

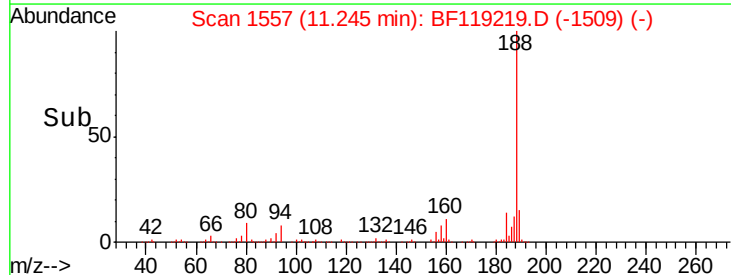
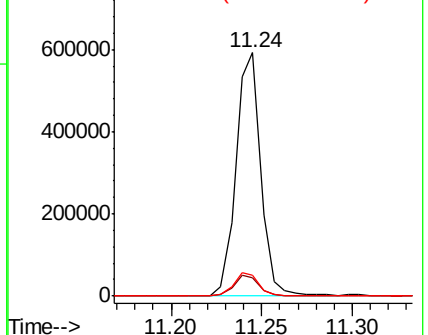


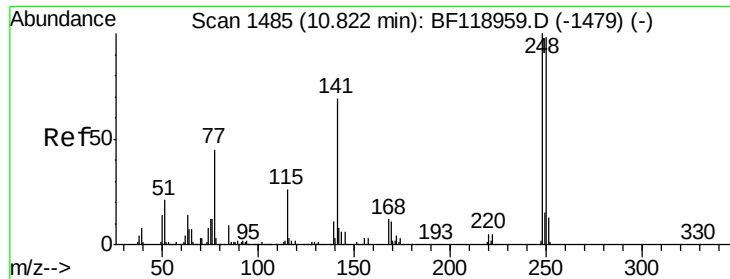
Abundance

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

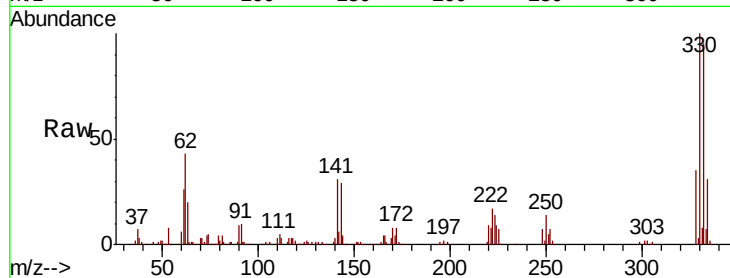




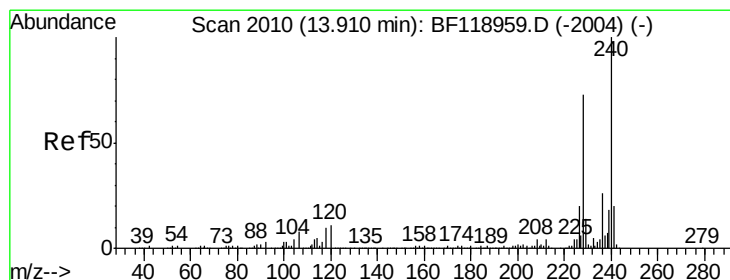
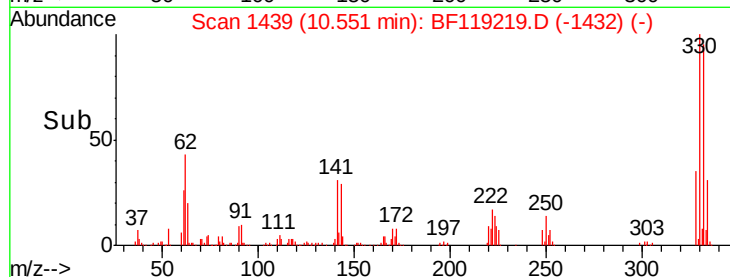
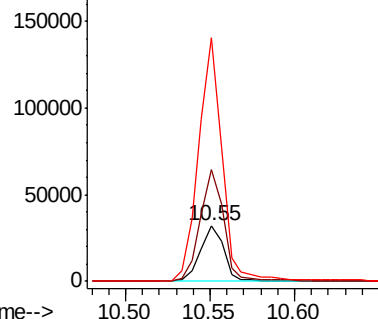
#67
 4-Bromophenyl-phenylether
 Concen: 4.225 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. -0.26 min
 Lab File: BF119219.D
 Acq: 5 Mar 2020 18:34

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 31161
 Ion Ratio Lower Upper
 248 100
 250 198.8 76.7 115.1#
 141 435.0 60.7 91.1#

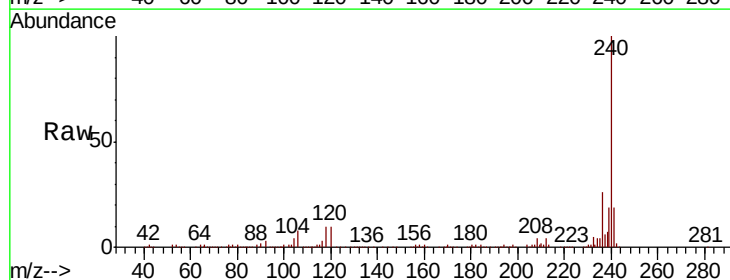


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

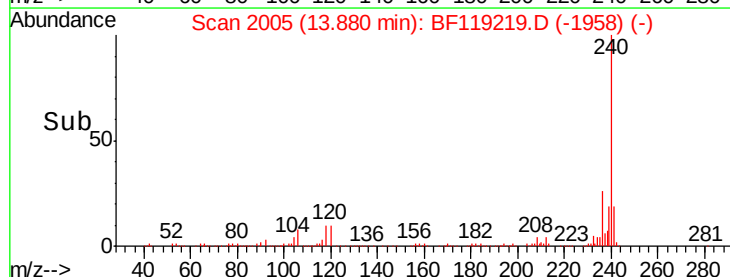
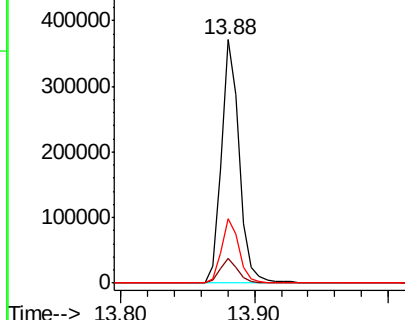


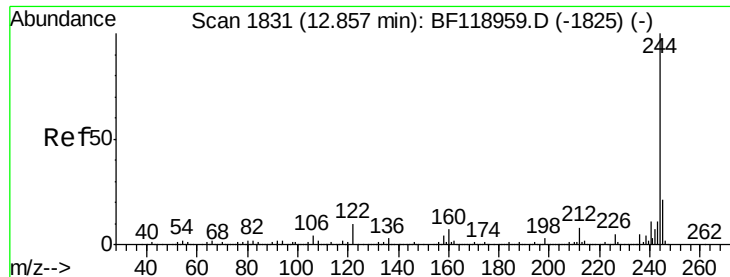
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.88 min Scan# 2005
 Delta R.T. -0.02 min
 Lab File: BF119219.D
 Acq: 5 Mar 2020 18:34

Tgt Ion:240 Resp: 352905
 Ion Ratio Lower Upper
 240 100
 120 10.2 8.4 12.6
 236 26.4 21.0 31.4



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

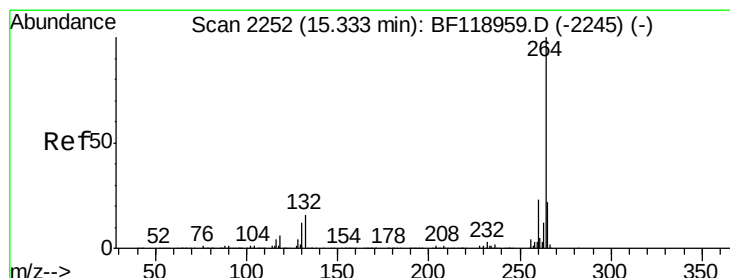
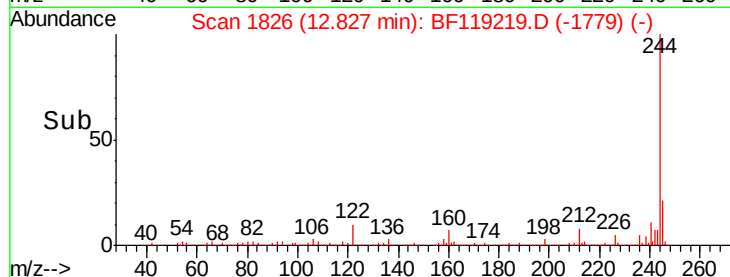
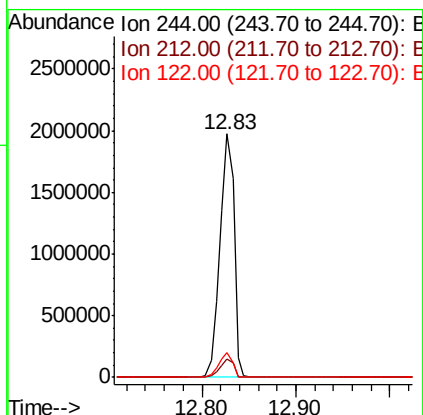
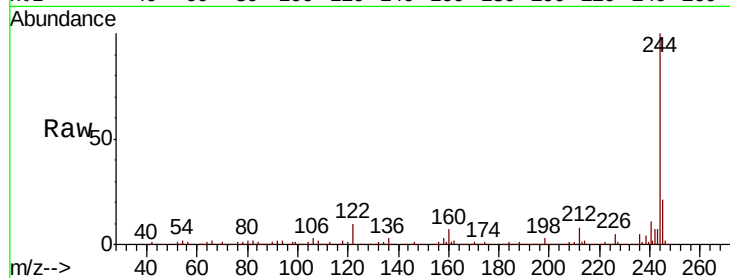




#79
 Terphenyl-d14
 Concen: 102.065 ng
 RT: 12.83 min Scan# 1826
 Delta R.T. -0.02 min
 Lab File: BF119219.D
 Acq: 5 Mar 2020 18:34

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 2092104
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.6 10.0
 122 10.4 8.2 12.2



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.31 min Scan# 2248
 Delta R.T. -0.01 min
 Lab File: BF119219.D
 Acq: 5 Mar 2020 18:34

Tgt Ion:264 Resp: 282078
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.4 29.2
 265 21.4 17.7 26.5

