

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030620\
 Data File : BF119259.D
 Acq On : 6 Mar 2020 19:42
 Operator : CG/JU
 Sample : PB127285BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 06 23:49:54 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 06 23:38:46 2020
 Response via : Initial Calibration

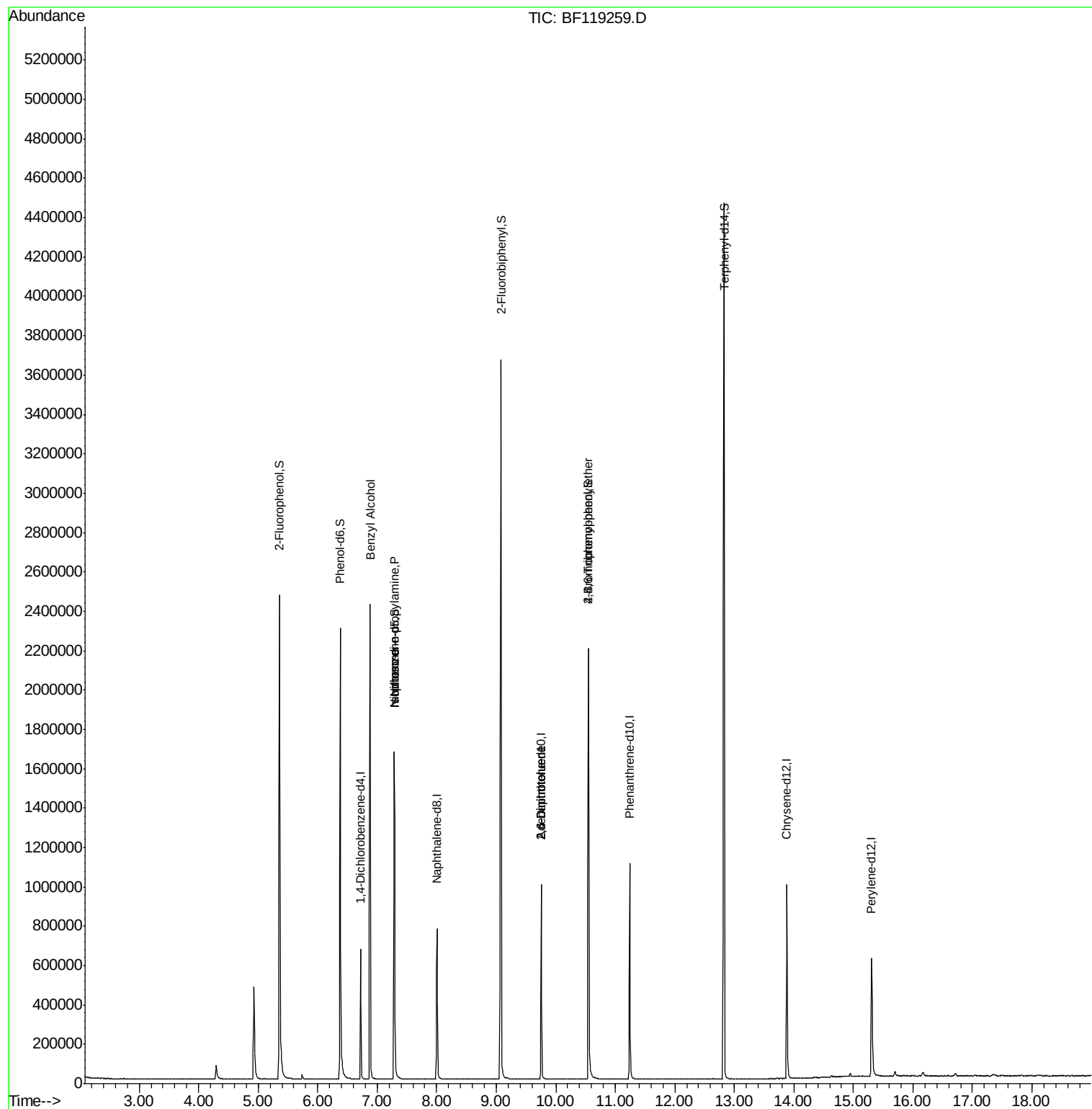
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	103344	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	388615	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	219683	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	436041	20.00	ng	0.00
76) Chrysene-d12	13.88	240	356693	20.00	ng	0.00
87) Perylene-d12	15.31	264	336920	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	784492	126.86	ng	0.00
7) Phenol-d6	6.38	99	955187	127.01	ng	0.00
23) Nitrobenzene-d5	7.29	82	625484	84.98	ng	0.00
42) 2,4,6-Tribromophenol	10.55	330	351266	122.23	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	1269265	85.12	ng	0.00
79) Terphenyl-d14	12.83	244	1789446	86.37	ng	0.00
Target Compounds						
15) Benzyl Alcohol	6.87	79	11485	2.113	ng	# 54
19) n-Nitroso-di-n-propylamine	7.29	70	86654	19.773	ng	# 75
25) Isophorone	7.29	82	625479	48.933	ng	# 63
51) 2,6-Dinitrotoluene	9.76	165	27833	7.458	ng	# 33
57) 2,4-Dinitrotoluene	9.76	165	27833	5.753	ng	# 21
67) 4-Bromophenyl-phenylether	10.55	248	22576	3.961	ng	# 1

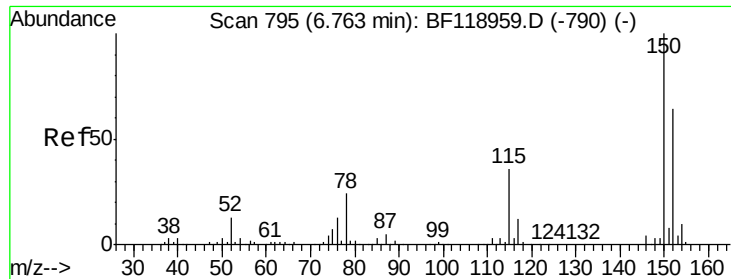
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030620\
Data File : BF119259.D
Acq On : 6 Mar 2020 19:42
Operator : CG/JU
Sample : PB127285BL
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Mar 06 23:49:54 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 06 23:38:46 2020
Response via : Initial Calibration



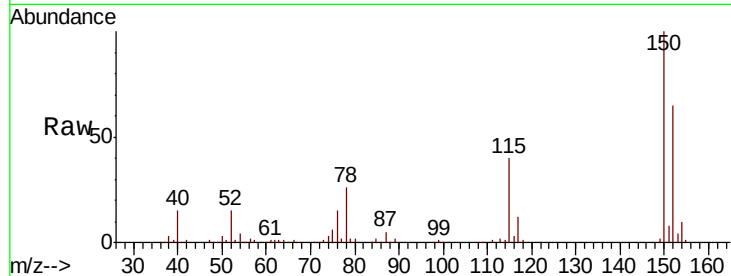


#1

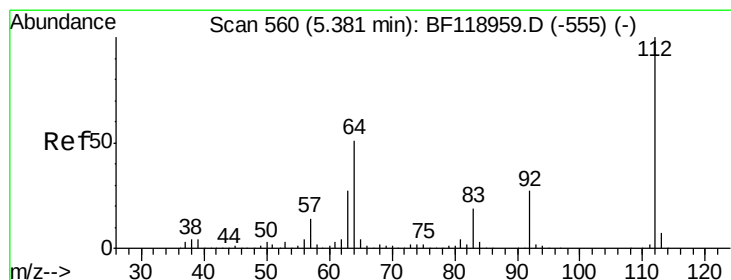
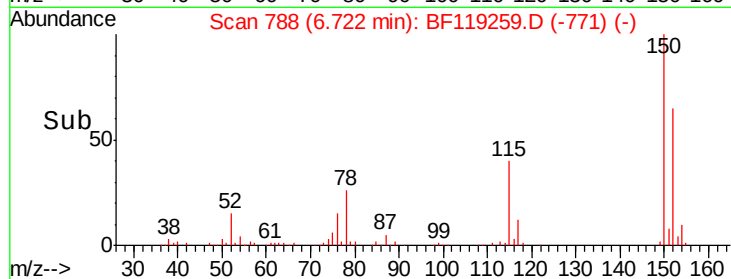
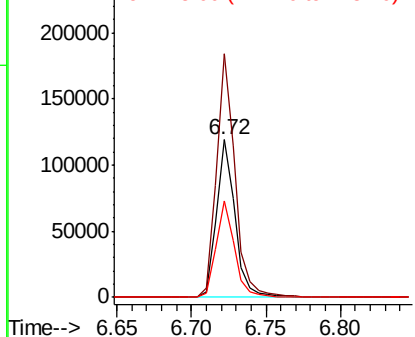
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 788
 Delta R.T. 0.00 min
 Lab File: BF119259.D
 Acq: 6 Mar 2020 19:42

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:152 Resp: 103344
 Ion Ratio Lower Upper
 152 100
 150 154.4 123.0 184.6
 115 61.5 49.5 74.3



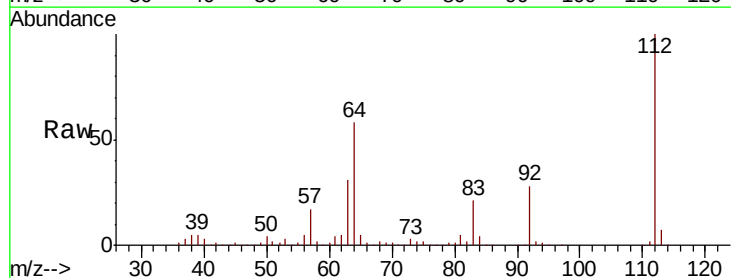
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



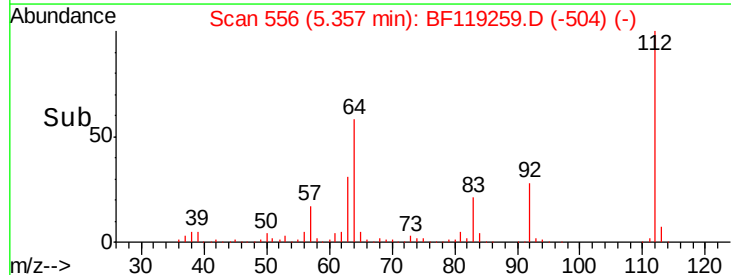
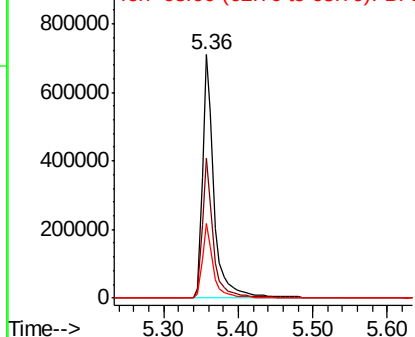
#5

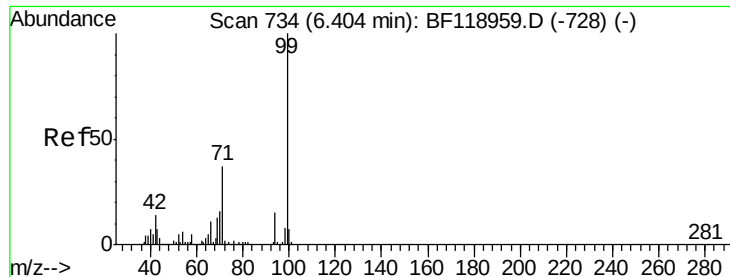
2-Fluorophenol
 Concen: 126.860 ng
 RT: 5.36 min Scan# 556
 Delta R.T. 0.01 min
 Lab File: BF119259.D
 Acq: 6 Mar 2020 19:42

Tgt Ion:112 Resp: 784492
 Ion Ratio Lower Upper
 112 100
 64 57.6 45.0 67.4
 63 30.6 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: 127.007 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF119259.D

Acq: 6 Mar 2020 19:42

Instrument :

BNA_F

ClientSampled :

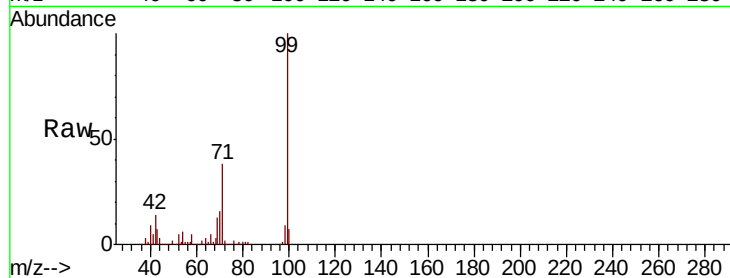
Tot Ion: 99 Resp: 955187

Ion Ratio Lower Upper

99 100

42 14.4 12.6 18.8

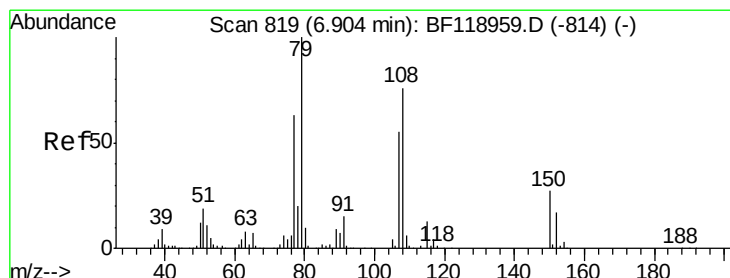
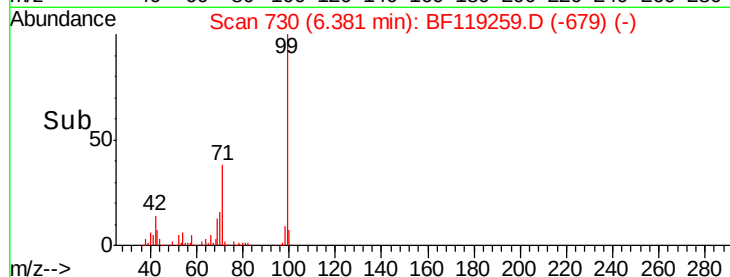
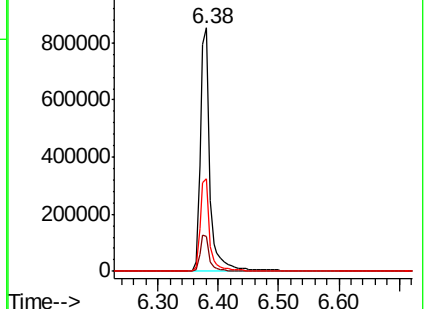
71 38.2 31.0 46.4



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



#15

Benzyl Alcohol

Concen: 2.113 ng

RT: 6.87 min Scan# 814

Delta R.T. -0.01 min

Lab File: BF119259.D

Acq: 6 Mar 2020 19:42

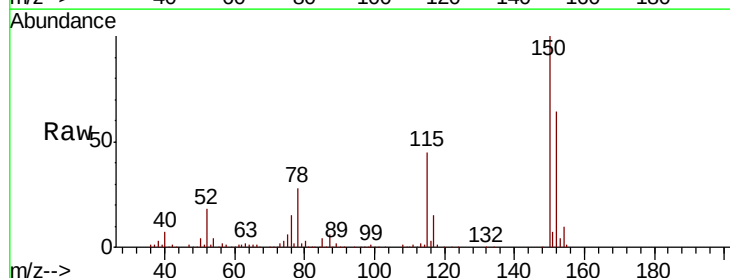
Tgt Ion: 79 Resp: 11485

Ion Ratio Lower Upper

79 100

108 29.6 58.2 87.2#

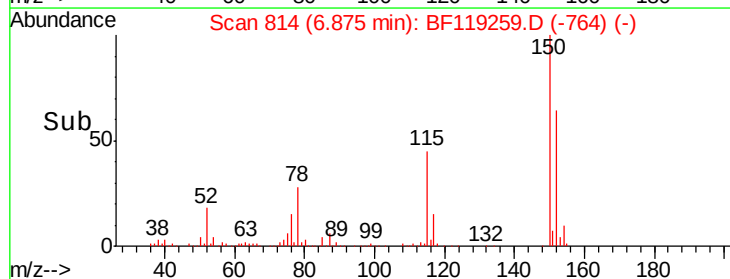
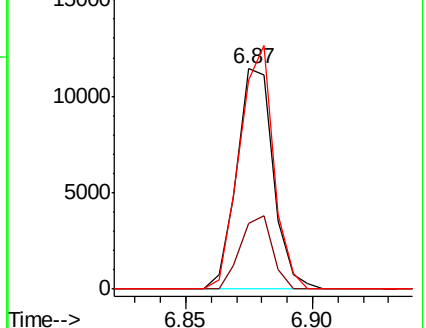
77 94.9 51.2 76.8#

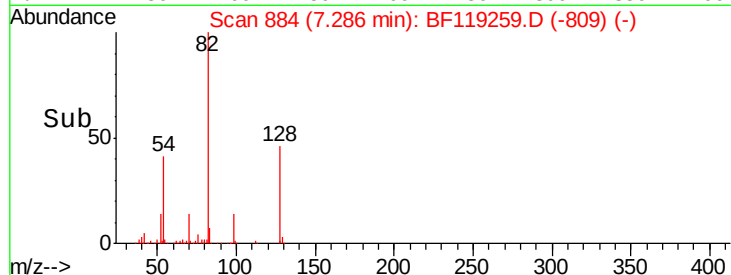
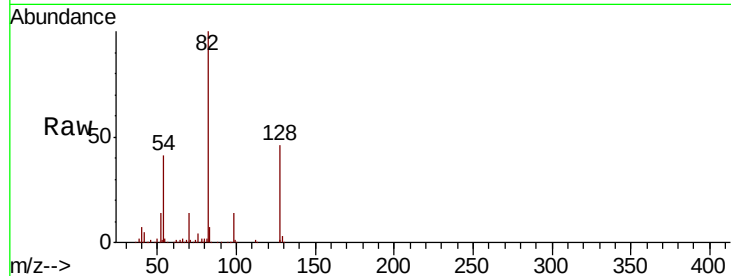
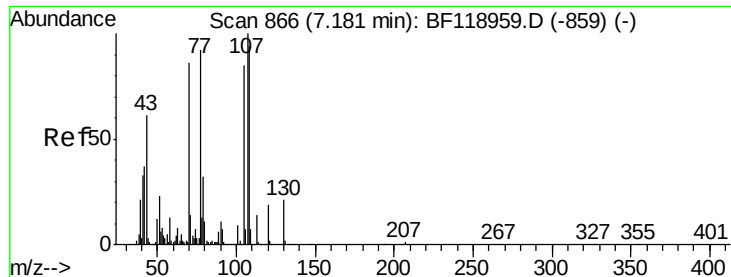


Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

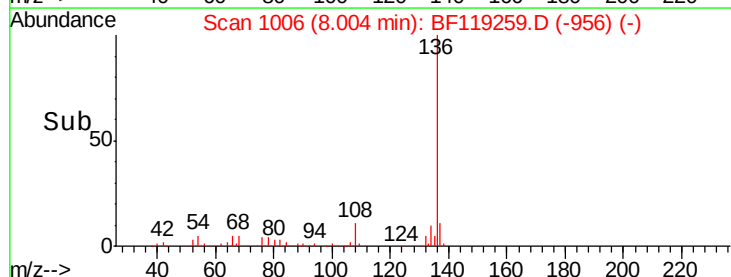
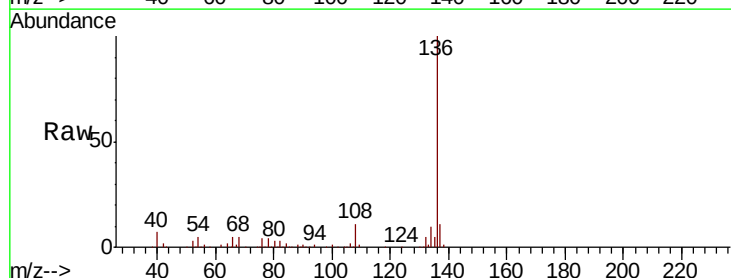
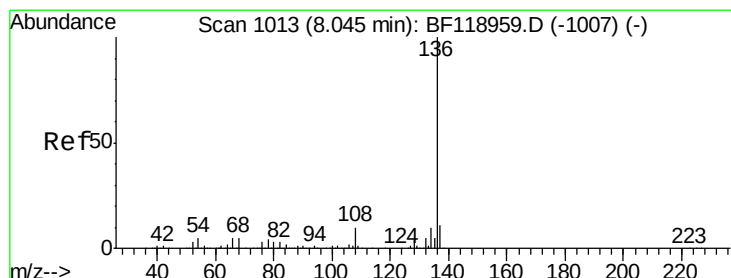
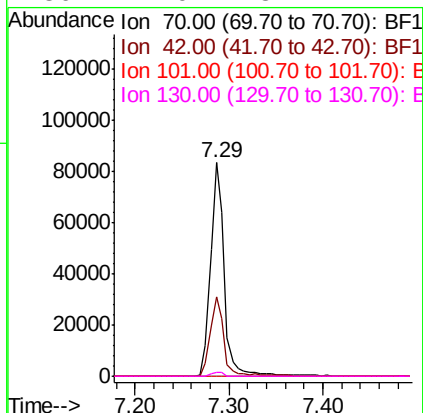




#19
n-Nitroso-di-n-propylamine
Concen: 19.773 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.14 min
Lab File: BF119259.D
Acq: 6 Mar 2020 19:42

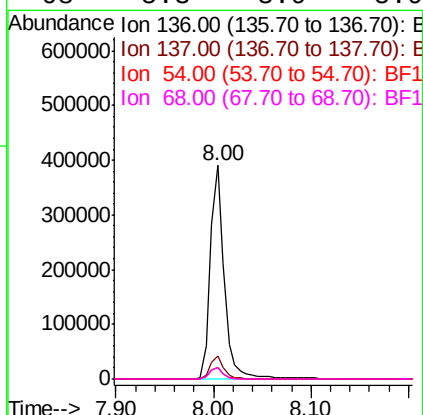
Instrument :
BNA_F
ClientSampleId :

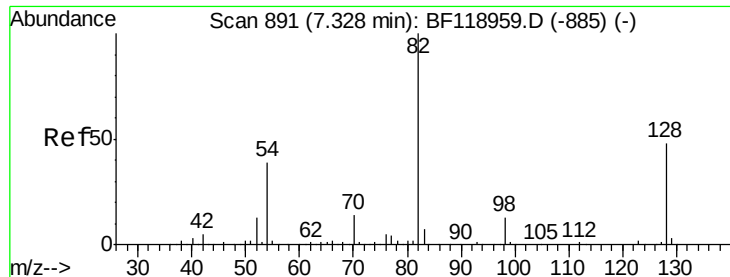
Tot Ion: 70 Resp: 86654
Ion Ratio Lower Upper
70 100
42 37.2 38.0 57.0#
101 0.0 8.2 12.4#
130 2.0 18.2 27.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF119259.D
Acq: 6 Mar 2020 19:42

Tgt Ion: 136 Resp: 388615
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 5.2 3.8 5.6
68 5.3 3.9 5.9

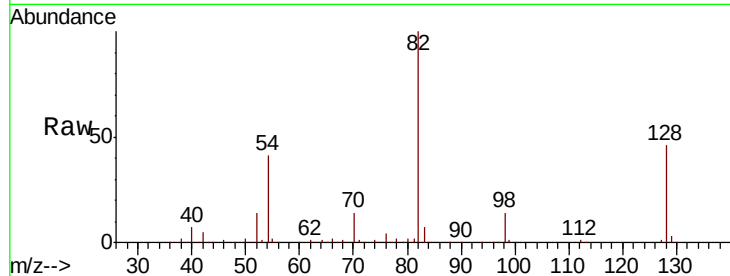




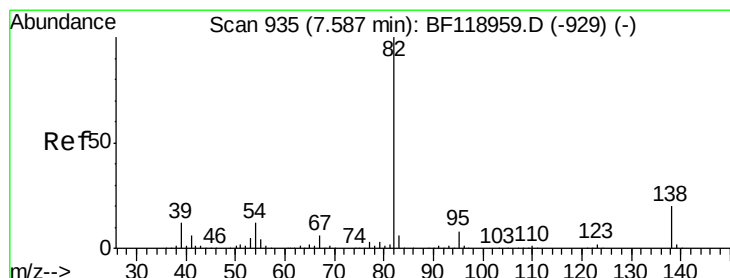
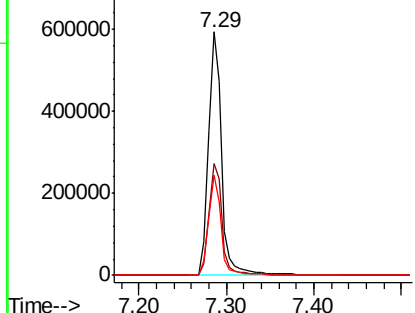
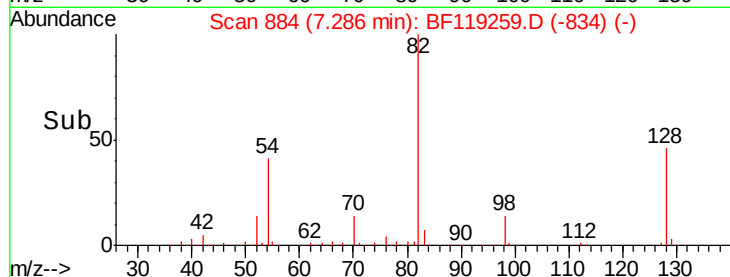
#23
Nitrobenzene-d5
Concen: 84.983 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF119259.D
Acq: 6 Mar 2020 19:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 625484
Ion Ratio Lower Upper
82 100
128 45.9 37.9 56.9
54 41.0 33.4 50.2

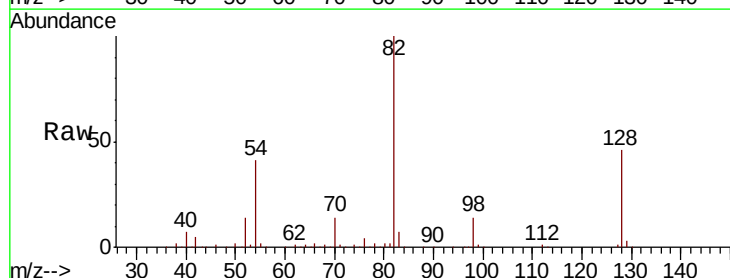


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

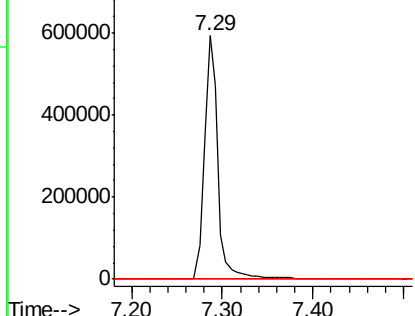
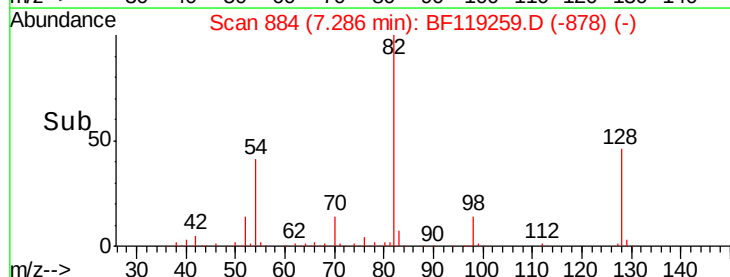


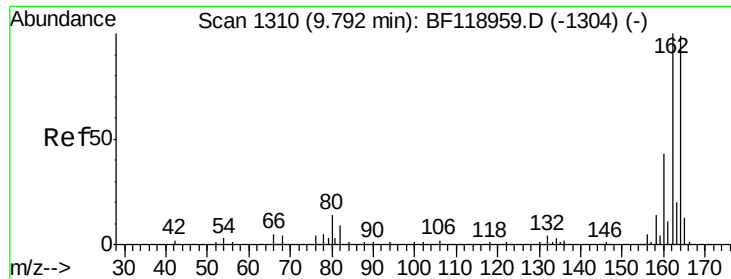
#25
Isophorone
Concen: 48.933 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.26 min
Lab File: BF119259.D
Acq: 6 Mar 2020 19:42

Tgt Ion: 82 Resp: 625479
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 15.7 23.5#



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# 1304

Delta R.T. -0.01 min

Lab File: BF119259.D

Acq: 6 Mar 2020 19:42

Instrument :

BNA_F

ClientSampleId :

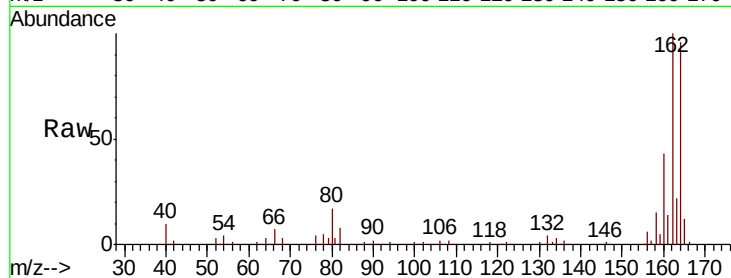
Tot Ion:164 Resp: 219683

Ion Ratio Lower Upper

164 100

162 104.7 81.8 122.8

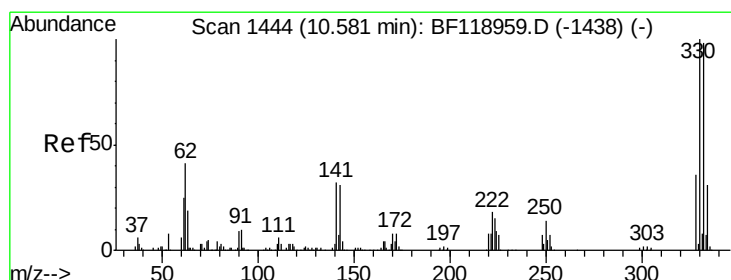
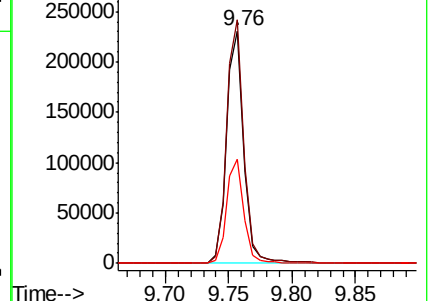
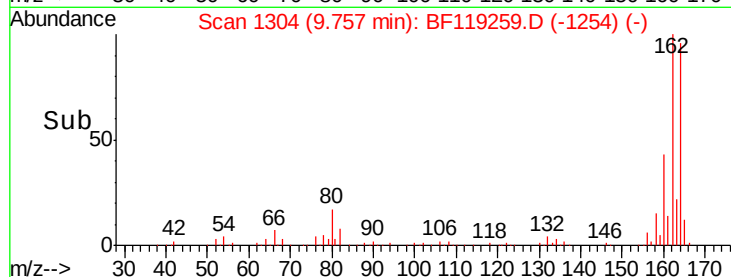
160 45.0 36.0 54.0



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: 122.229 ng

RT: 10.55 min Scan# 1439

Delta R.T. -0.01 min

Lab File: BF119259.D

Acq: 6 Mar 2020 19:42

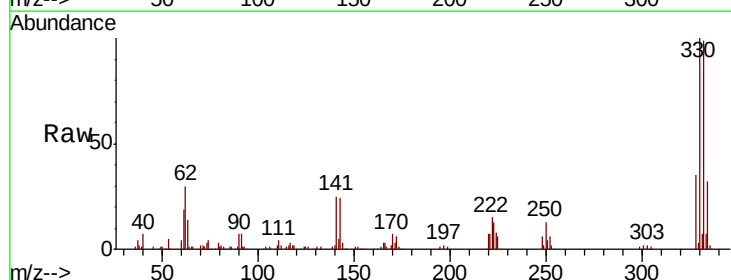
Tgt Ion:330 Resp: 351266

Ion Ratio Lower Upper

330 100

332 96.7 76.0 114.0

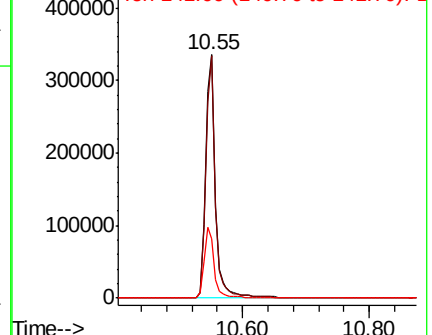
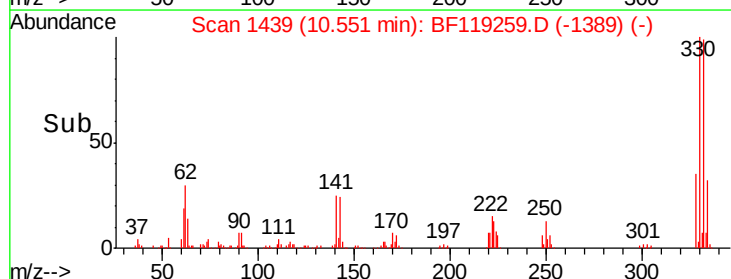
141 30.1 22.9 34.3

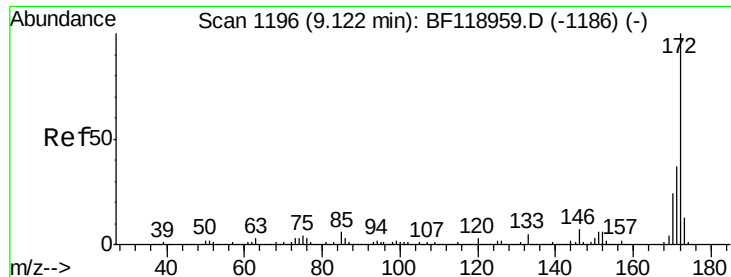


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

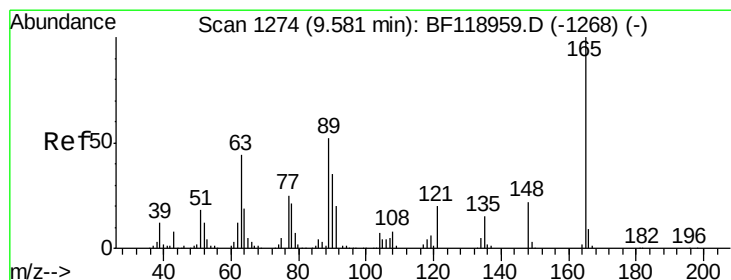
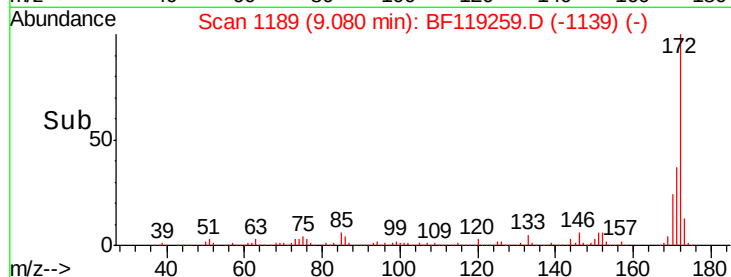
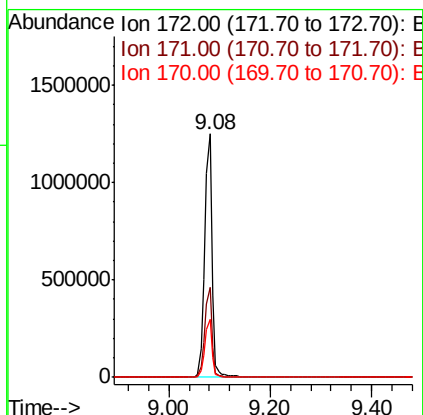
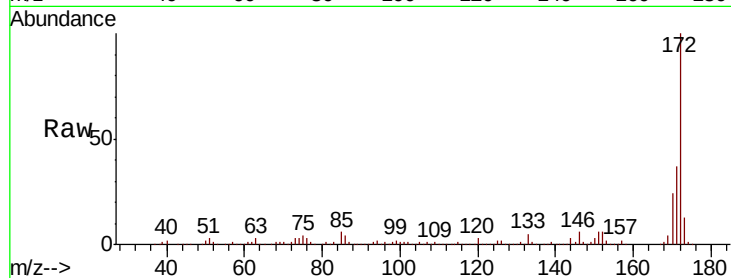




#45
 2-Fluorobiphenyl
 Concen: 85.116 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF119259.D
 Acq: 6 Mar 2020 19:42

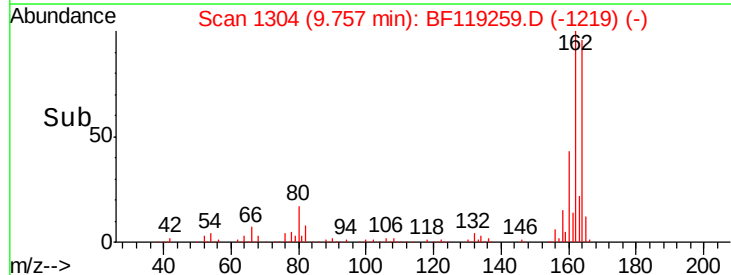
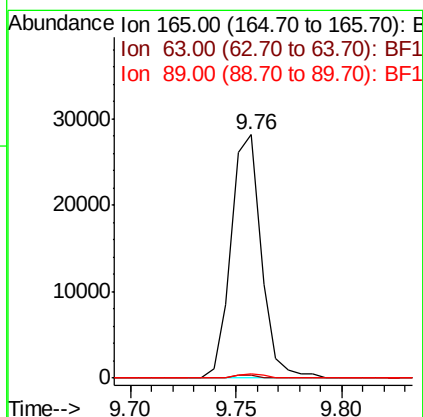
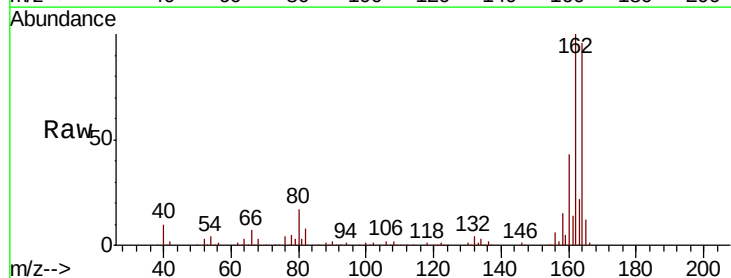
Instrument :
 BNA_F
 ClientSampleId :

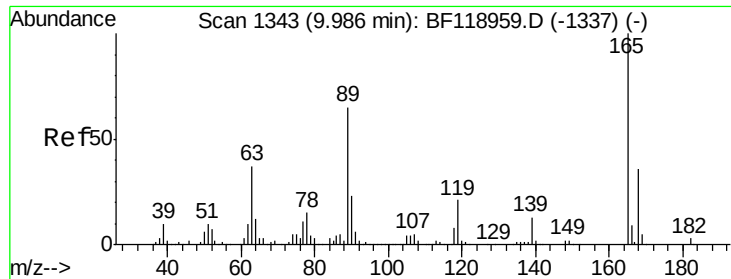
Tot Ion:172 Resp: 1269265
 Ion Ratio Lower Upper
 172 100
 171 37.1 30.6 45.8
 170 24.0 20.2 30.2



#51
 2,6-Dinitrotoluene
 Concen: 7.458 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. 0.20 min
 Lab File: BF119259.D
 Acq: 6 Mar 2020 19:42

Tgt Ion:165 Resp: 27833
 Ion Ratio Lower Upper
 165 100
 63 1.2 34.3 51.5#
 89 1.6 38.3 57.5#

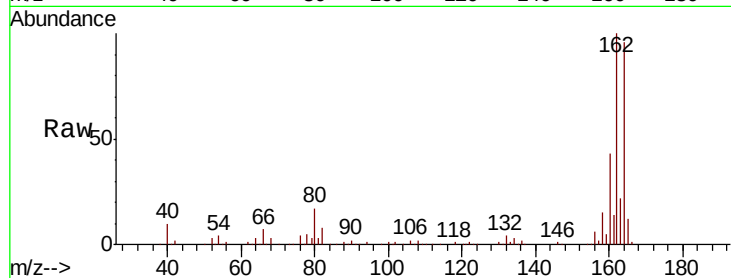




#57
 2,4-Dinitrotoluene
 Concen: 5.753 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. -0.21 min
 Lab File: BF119259.D
 Acq: 6 Mar 2020 19:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.2	42.3	63.5#
89	1.6	60.2	90.4#
182	0.0	2.3	3.5#



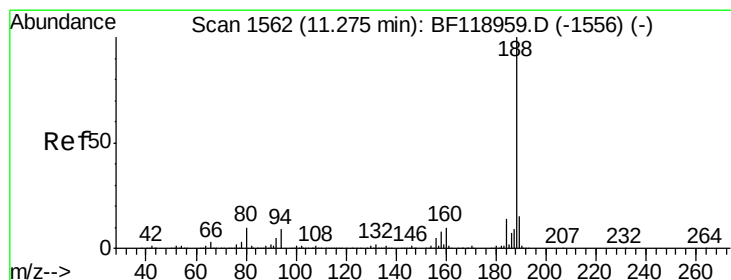
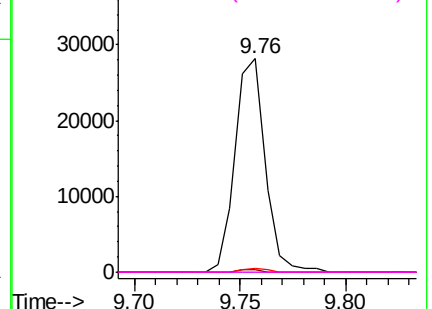
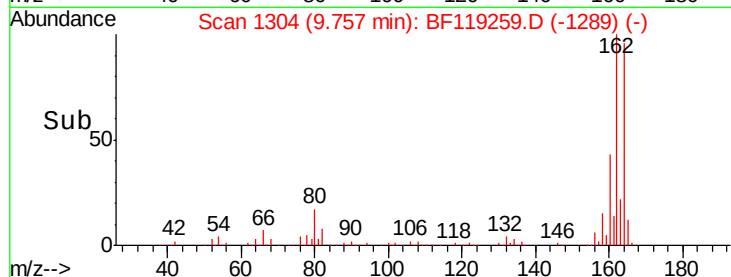
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

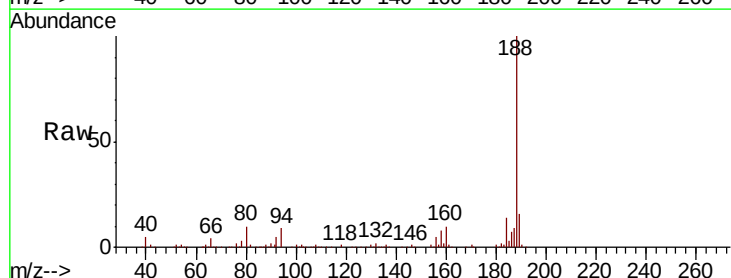
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.24 min Scan# 1556
 Delta R.T. -0.01 min
 Lab File: BF119259.D
 Acq: 6 Mar 2020 19:42

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.1	10.7
80	9.6	7.8	11.8

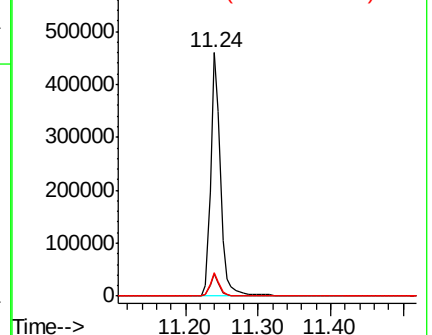
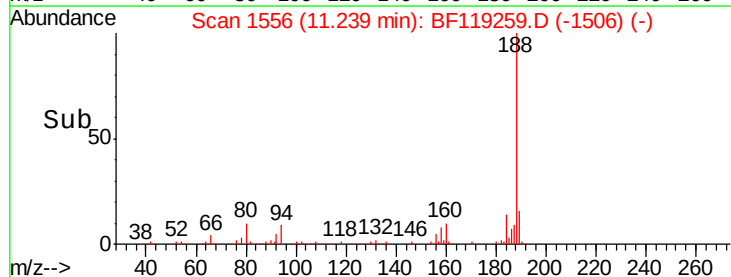


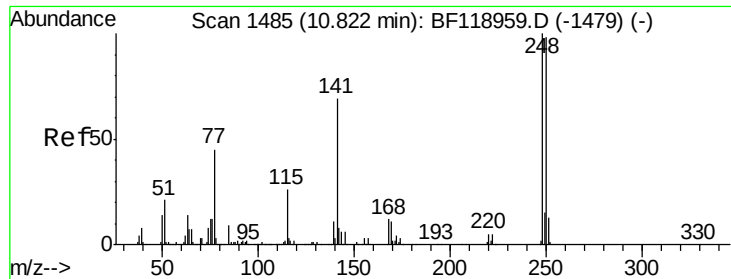
Abundance

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

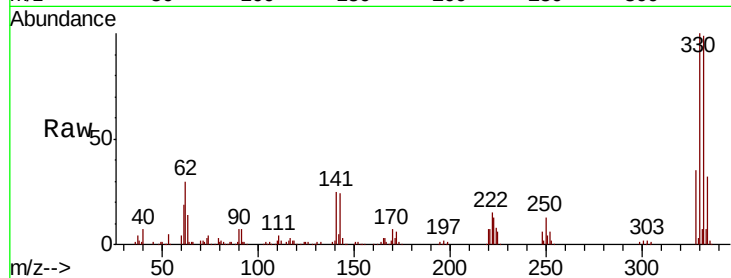




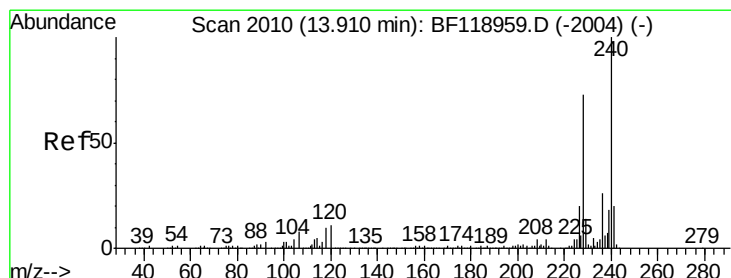
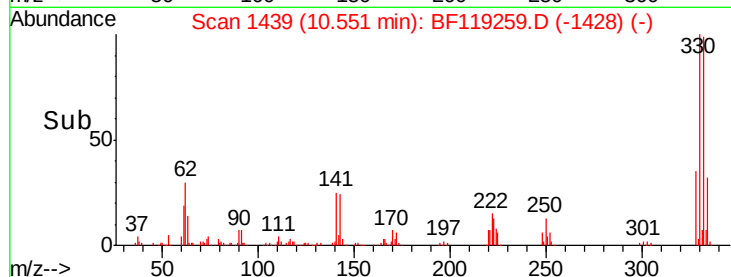
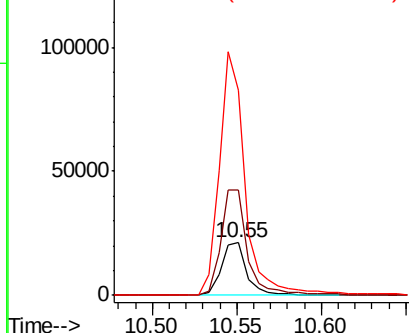
#67
4-Bromophenyl-phenylether
Concen: 3.961 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.24 min
Lab File: BF119259.D
Acq: 6 Mar 2020 19:42

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 22576
Ion Ratio Lower Upper
248 100
250 200.1 76.7 115.1#
141 390.4 60.7 91.1#

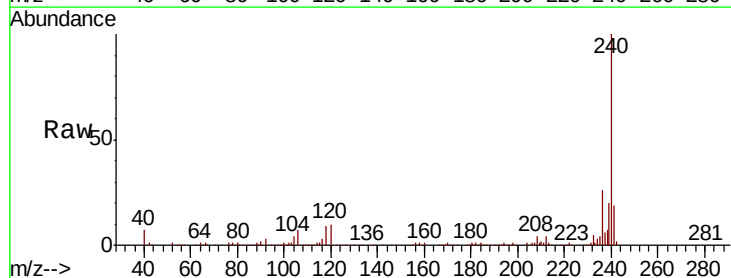


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

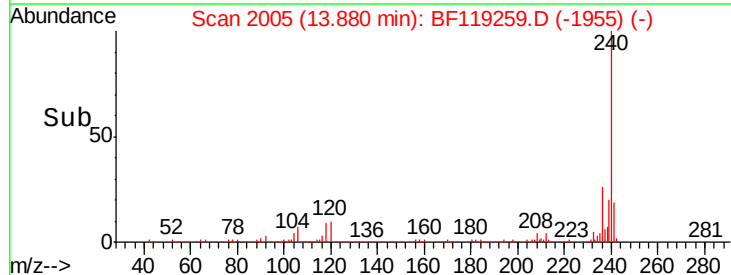
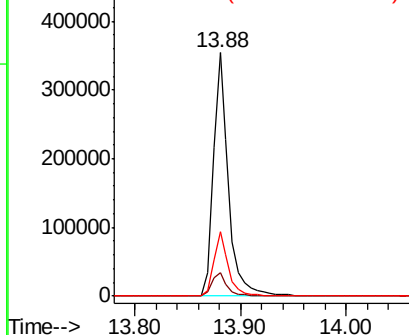


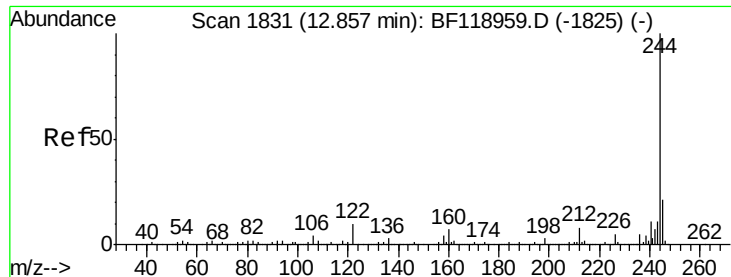
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.88 min Scan# 2005
Delta R.T. -0.01 min
Lab File: BF119259.D
Acq: 6 Mar 2020 19:42

Tgt Ion:240 Resp: 356693
Ion Ratio Lower Upper
240 100
120 9.9 8.4 12.6
236 26.5 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



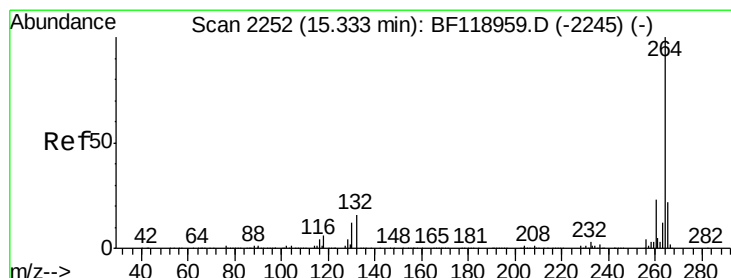
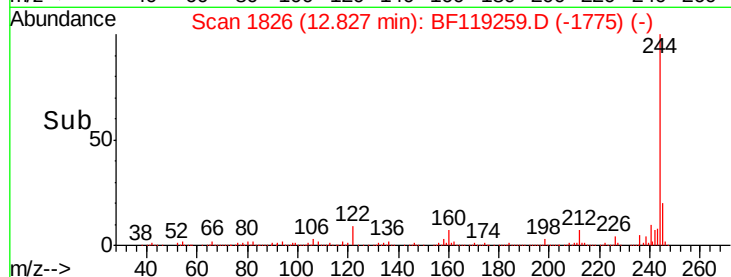
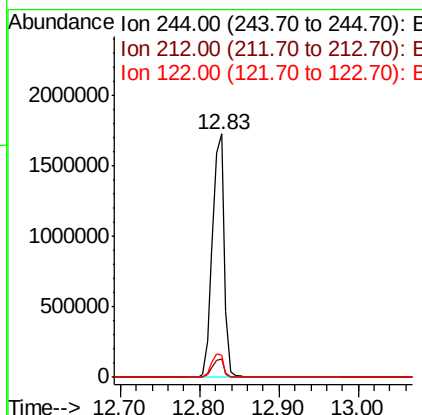
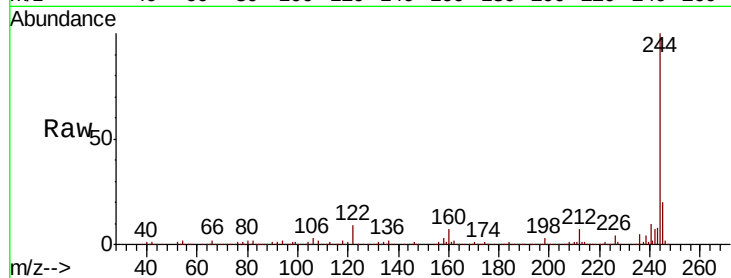


#79
 Terphenyl-d14
 Concen: 86.372 ng
 RT: 12.83 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: BF119259.D
 Acq: 6 Mar 2020 19:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1789446

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.6	10.0
122	9.2	8.2	12.2



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.31 min Scan# 2248
 Delta R.T. 0.00 min
 Lab File: BF119259.D
 Acq: 6 Mar 2020 19:42

Tgt Ion:264 Resp: 336920

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.4	29.2
265	20.0	17.7	26.5

