

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031020\
 Data File : BF119333.D
 Acq On : 11 Mar 2020 1:52
 Operator : CG/JU
 Sample : PB127427BL
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 11 07:42:41 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

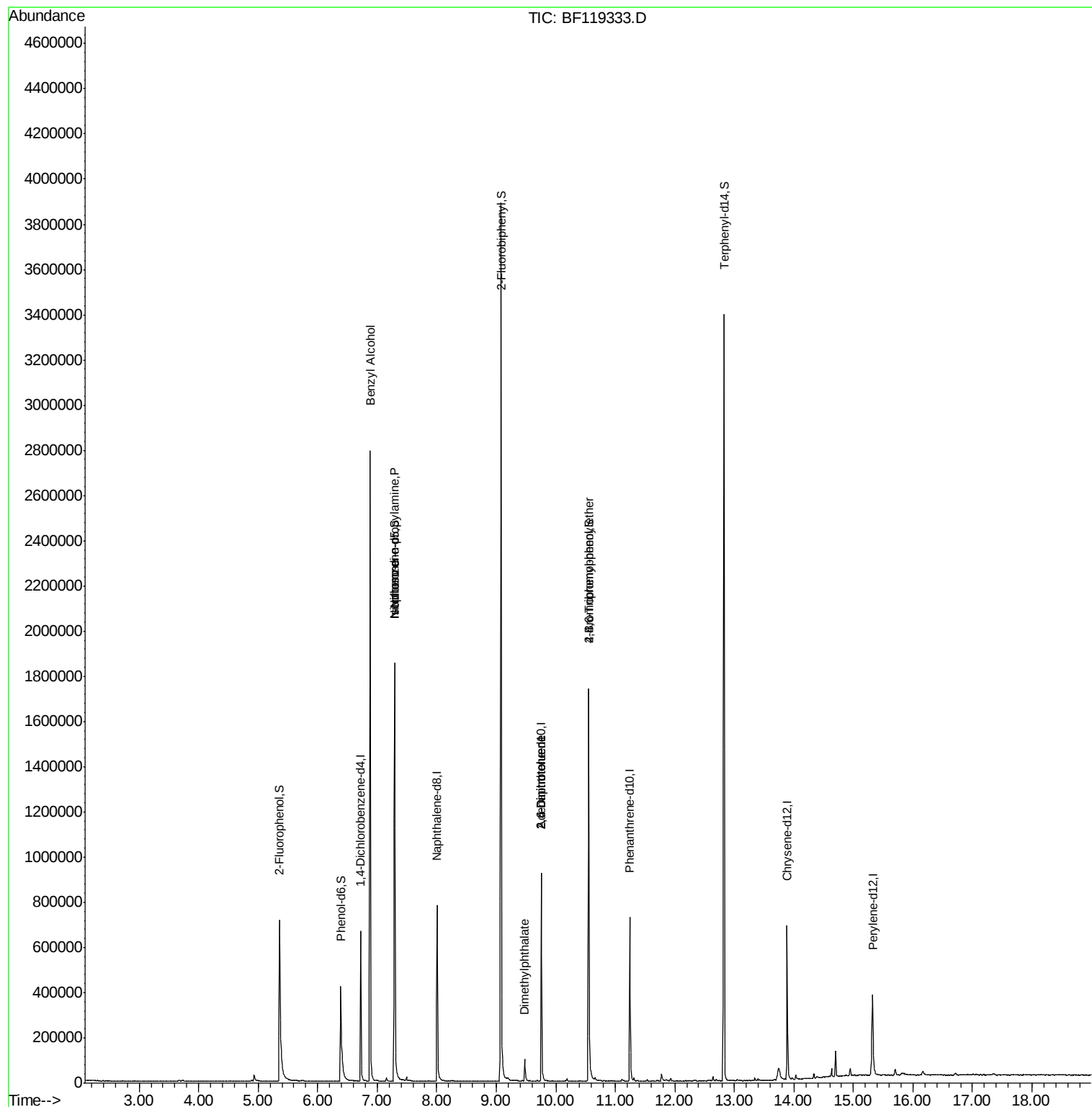
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	112702	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	409767	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	195852	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	314028	20.00	ng	0.00
76) Chrysene-d12	13.89	240	255798	20.00	ng	0.00
87) Perylene-d12	15.32	264	212177	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	358382	53.14	ng	0.00
7) Phenol-d6	6.39	99	254549	31.04	ng	0.00
23) Nitrobenzene-d5	7.29	82	671186	86.48	ng	0.00
42) 2,4,6-Tribromophenol	10.55	330	261329	102.00	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	1285291	96.68	ng	0.00
79) Terphenyl-d14	12.83	244	1293249	87.04	ng	0.00
Target Compounds						
15) Benzyl Alcohol	6.88	79	12504	2.109	ng	# 51
19) n-Nitroso-di-n-propylamine	7.29	70	94379	19.748	ng	# 75
25) Isophorone	7.29	82	671186	49.798	ng	# 63
50) Dimethylphthalate	9.48	163	53270	3.557	ng	# 99
51) 2,6-Dinitrotoluene	9.76	165	24845	7.467	ng	# 33
57) 2,4-Dinitrotoluene	9.76	165	24845	5.761	ng	# 21
67) 4-Bromophenyl-phenylether	10.55	248	16954	4.130	ng	# 1

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

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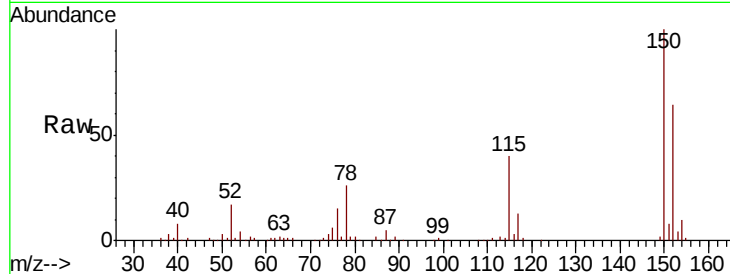


#1

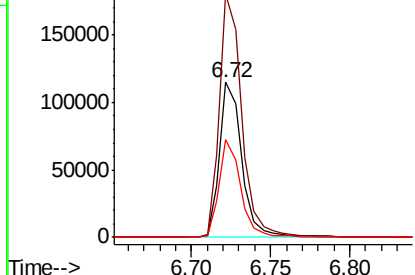
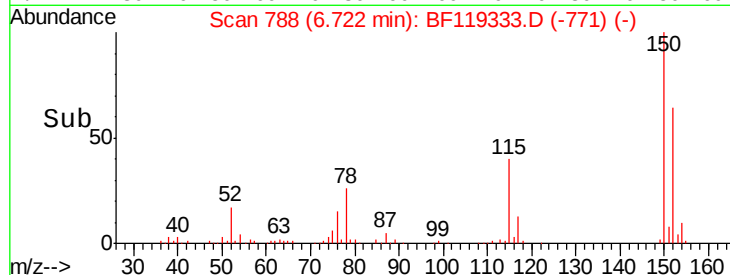
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. 0.00 min
Lab File: BF119333.D
Acq: 11 Mar 2020 1:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 112702
Ion Ratio Lower Upper
152 100
150 156.9 123.0 184.6
115 63.3 49.5 74.3



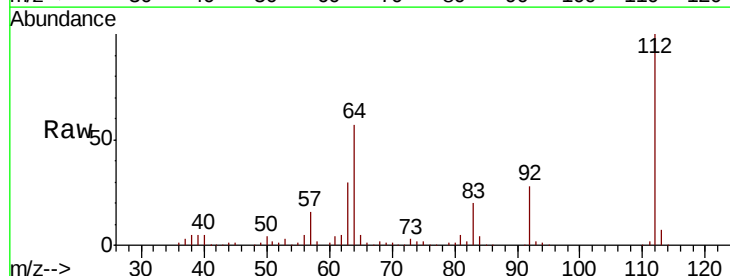
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



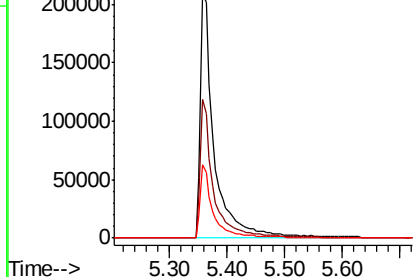
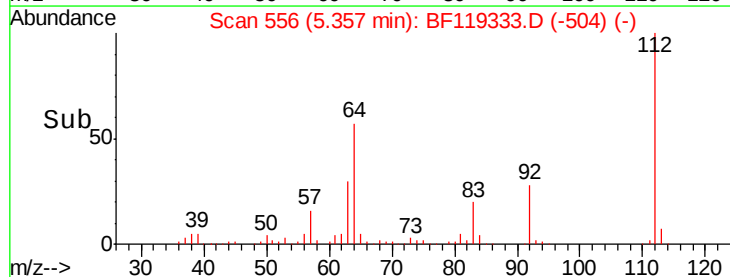
#5

2-Fluorophenol
Concen: 53.142 ng
RT: 5.36 min Scan# 556
Delta R.T. 0.01 min
Lab File: BF119333.D
Acq: 11 Mar 2020 1:52

Tgt Ion:112 Resp: 358382
Ion Ratio Lower Upper
112 100
64 56.8 45.0 67.4
63 30.3 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: 31.036 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF119333.D

Acq: 11 Mar 2020 1:52

Instrument :

BNA_F

ClientSampleId :

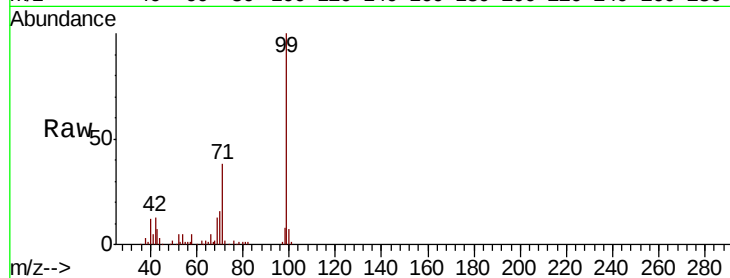
Tot Ion: 99 Resp: 254549

Ion Ratio Lower Upper

99 100

42 13.5 12.6 18.8

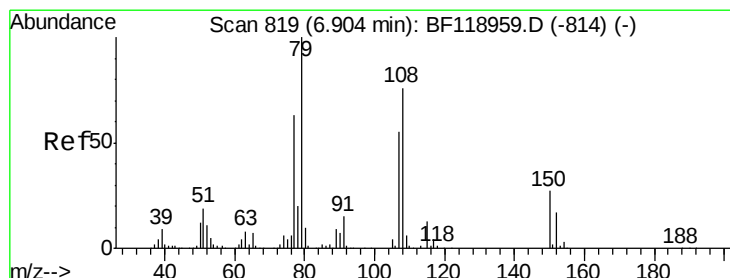
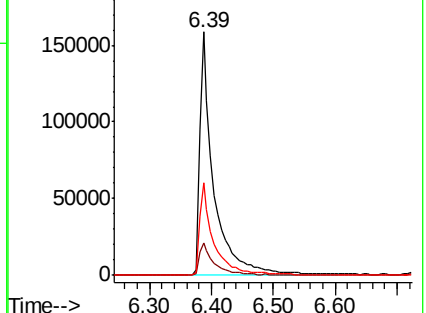
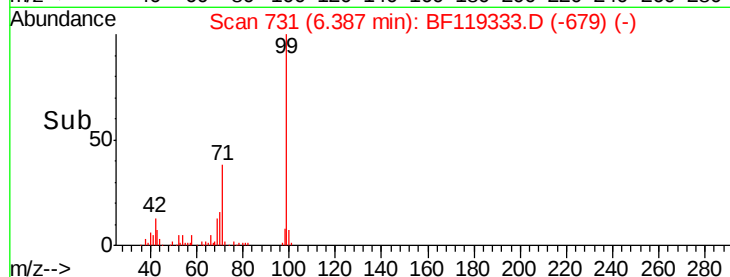
71 38.2 31.0 46.4



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: 2.109 ng

RT: 6.88 min Scan# 815

Delta R.T. 0.00 min

Lab File: BF119333.D

Acq: 11 Mar 2020 1:52

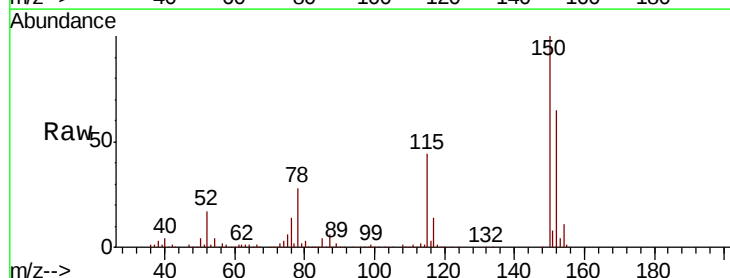
Tgt Ion: 79 Resp: 12504

Ion Ratio Lower Upper

79 100

108 35.1 58.2 87.2#

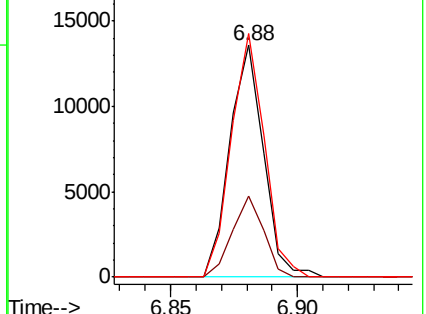
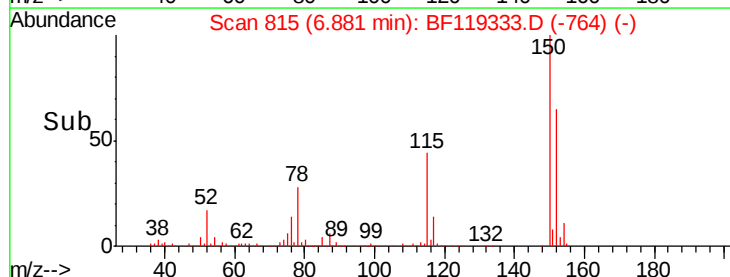
77 105.2 51.2 76.8#

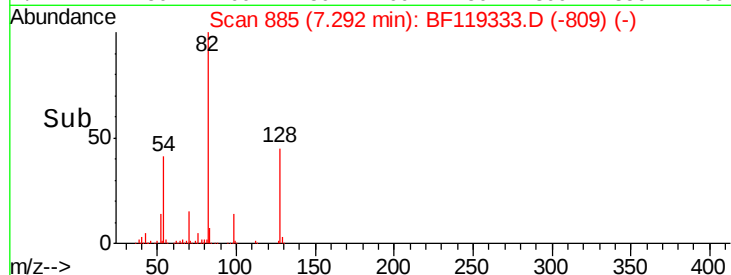
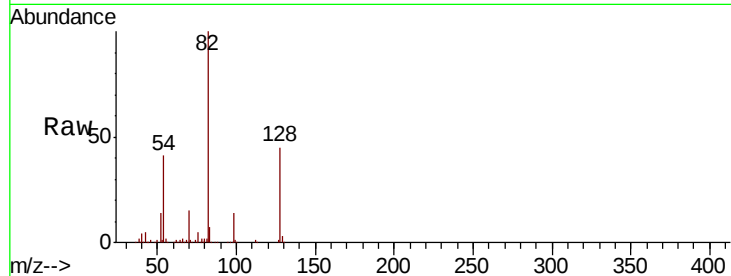


Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

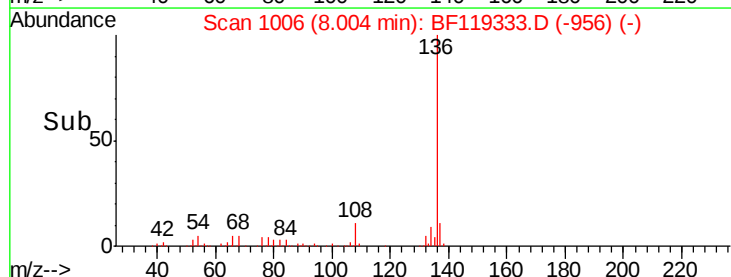
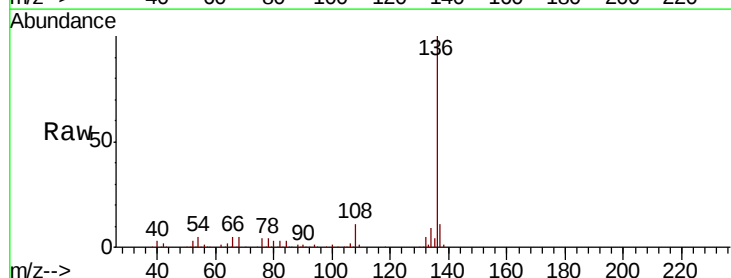
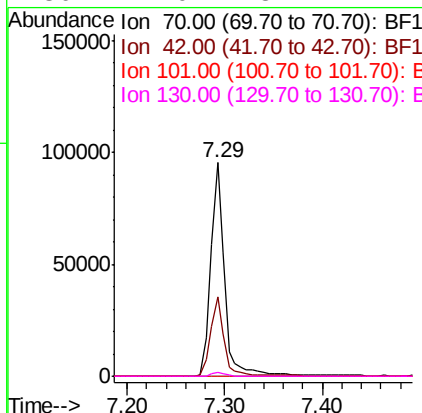




#19
n-Nitroso-di-n-propylamine
Concen: 19.748 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.15 min
Lab File: BF119333.D
Acq: 11 Mar 2020 1:52

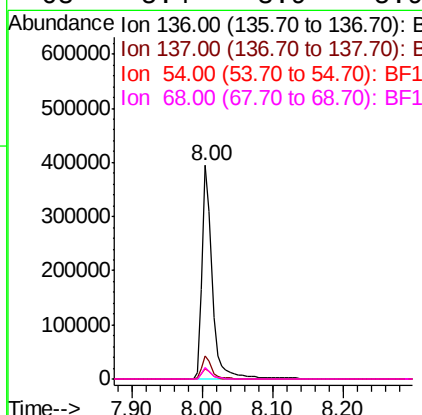
Instrument :
BNA_F
ClientSampled :

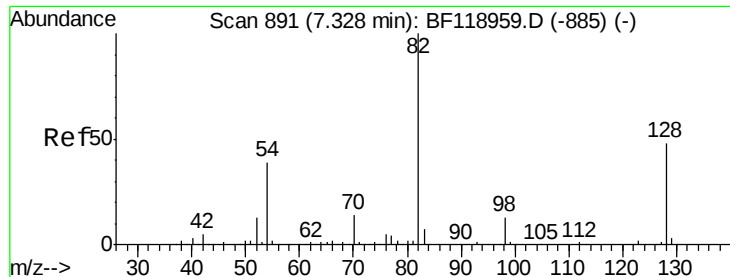
Tot Ion: 70 Resp: 94379
Ion Ratio Lower Upper
70 100
42 36.9 38.0 57.0#
101 0.0 8.2 12.4#
130 2.0 18.2 27.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF119333.D
Acq: 11 Mar 2020 1:52

Tgt Ion: 136 Resp: 409767
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 5.0 3.8 5.6
68 5.4 3.9 5.9

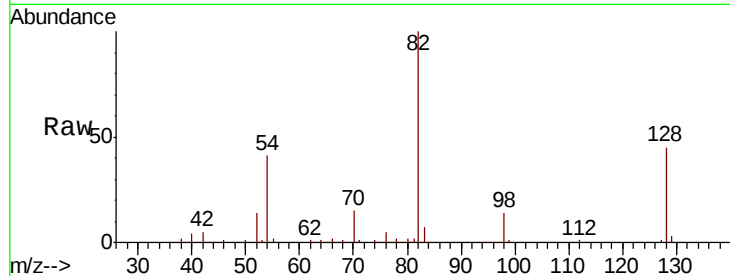




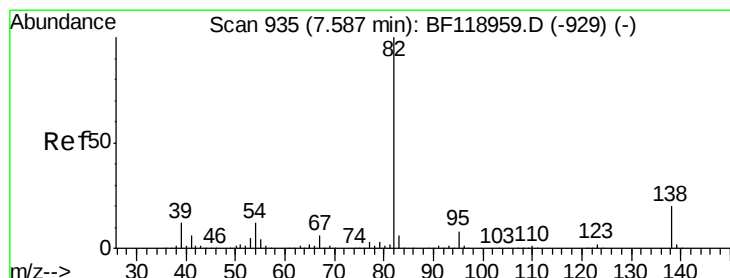
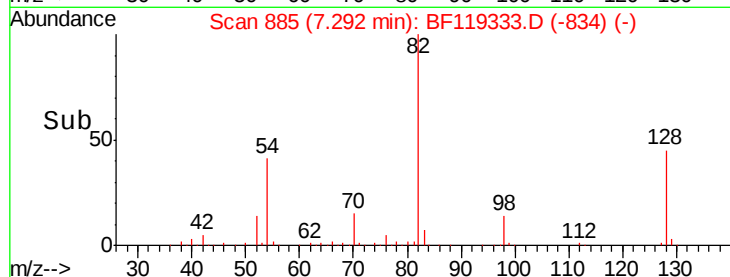
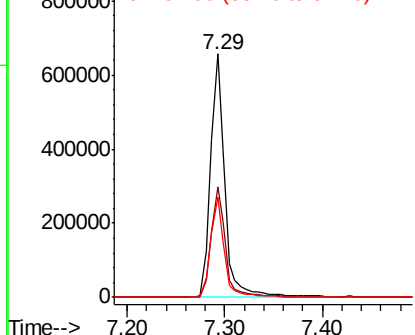
#23
Nitrobenzene-d5
Concen: 86.485 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.00 min
Lab File: BF119333.D
Acq: 11 Mar 2020 1:52

Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 671186
Ion Ratio Lower Upper
82 100
128 45.3 37.9 56.9
54 41.2 33.4 50.2

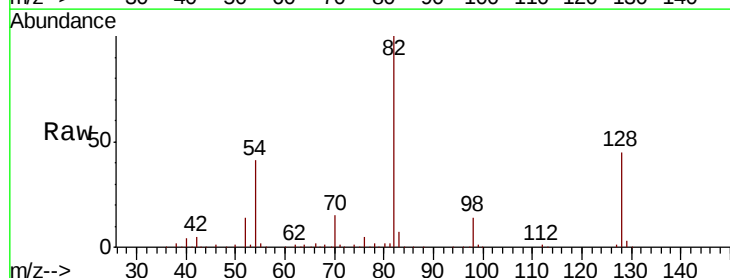


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

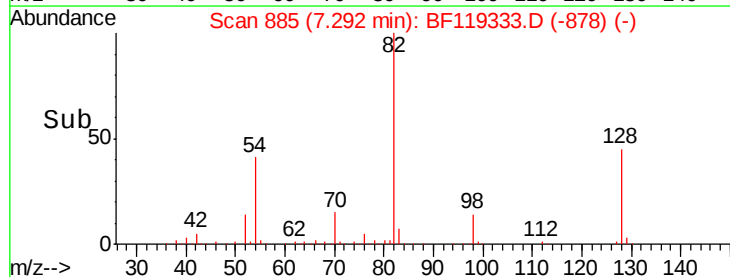
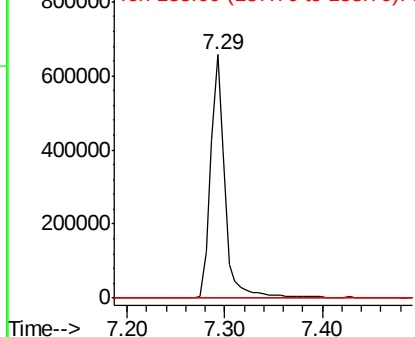


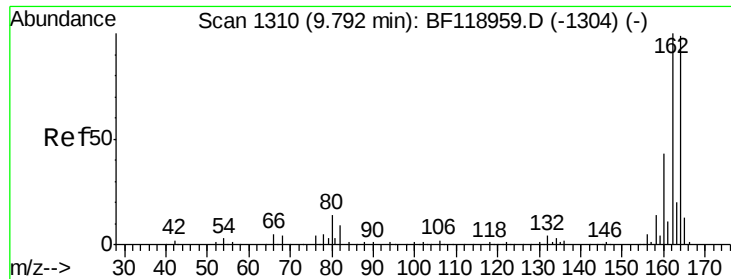
#25
Isophorone
Concen: 49.798 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.26 min
Lab File: BF119333.D
Acq: 11 Mar 2020 1:52

Tgt Ion: 82 Resp: 671186
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: BF119333.D

Acq: 11 Mar 2020 1:52

Instrument :

BNA_F

ClientSampleId :

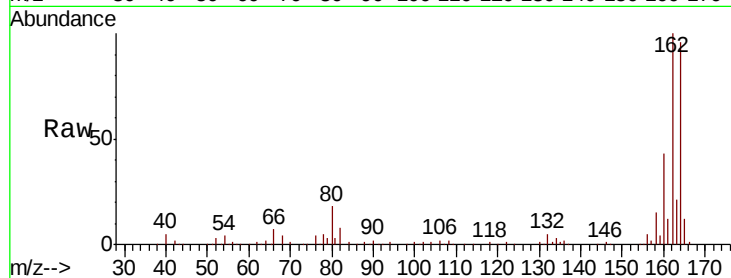
Tot Ion:164 Resp: 195852

Ion Ratio Lower Upper

164 100

162 104.3 81.8 122.8

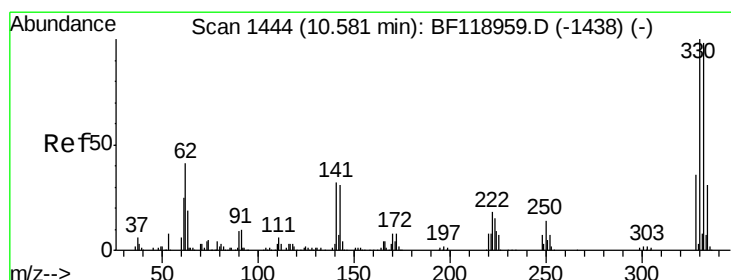
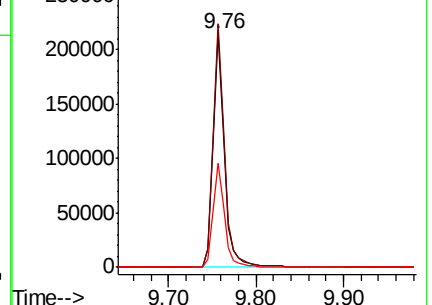
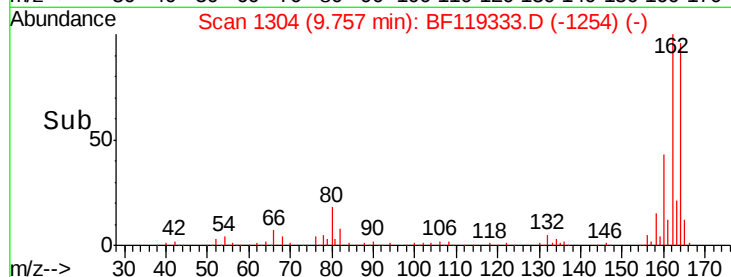
160 44.5 36.0 54.0



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: 101.999 ng

RT: 10.55 min Scan# 1439

Delta R.T. -0.01 min

Lab File: BF119333.D

Acq: 11 Mar 2020 1:52

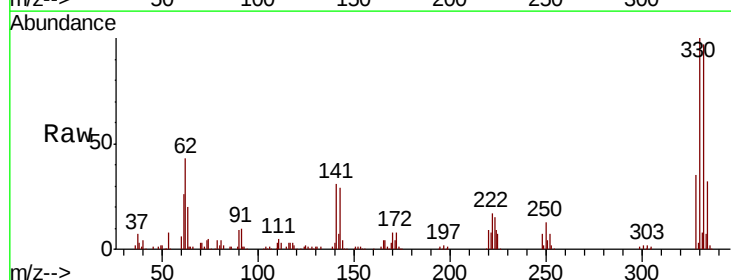
Tgt Ion:330 Resp: 261329

Ion Ratio Lower Upper

330 100

332 95.7 76.0 114.0

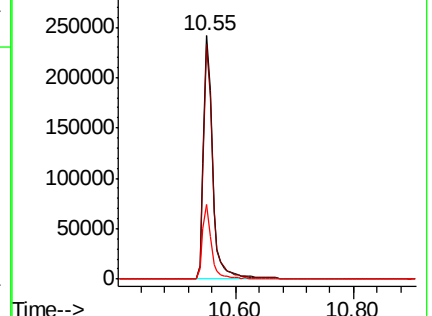
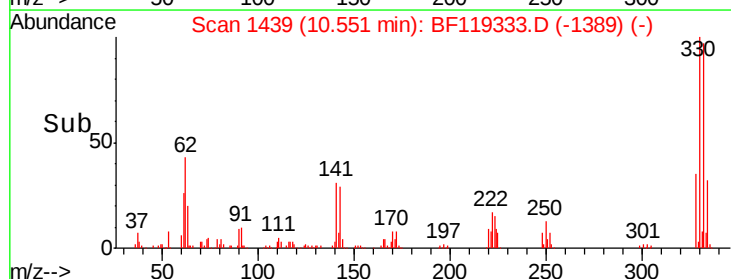
141 30.3 22.9 34.3

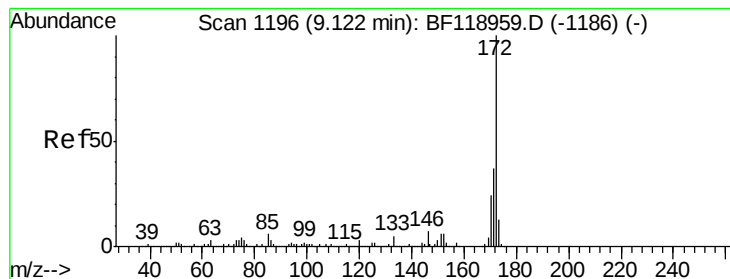


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#45

2-Fluorobiphenyl

Concen: 96.678 ng

RT: 9.08 min Scan# 1189

Delta R.T. -0.01 min

Lab File: BF119333.D

Acq: 11 Mar 2020 1:52

Instrument :

BNA_F

ClientSampleId :

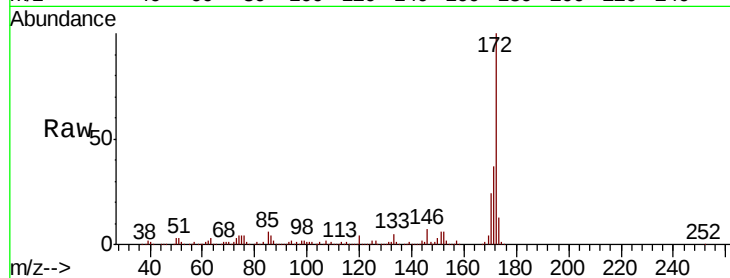
Tot Ion:172 Resp: 1285291

Ion Ratio Lower Upper

172 100

171 37.0 30.6 45.8

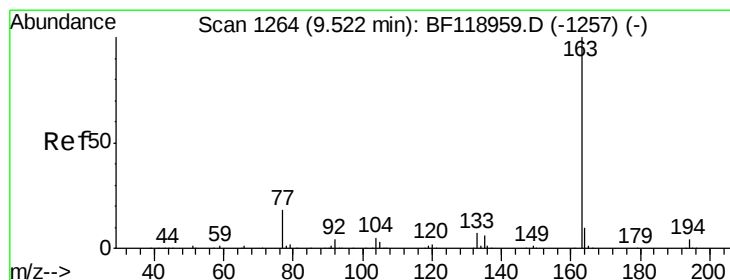
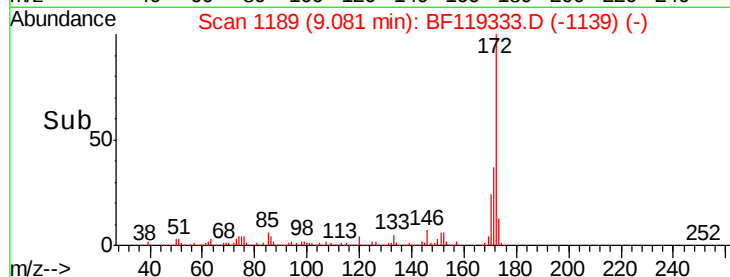
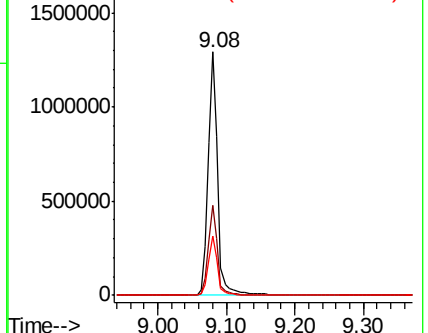
170 24.1 20.2 30.2



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: 3.557 ng

RT: 9.48 min Scan# 1257

Delta R.T. -0.01 min

Lab File: BF119333.D

Acq: 11 Mar 2020 1:52

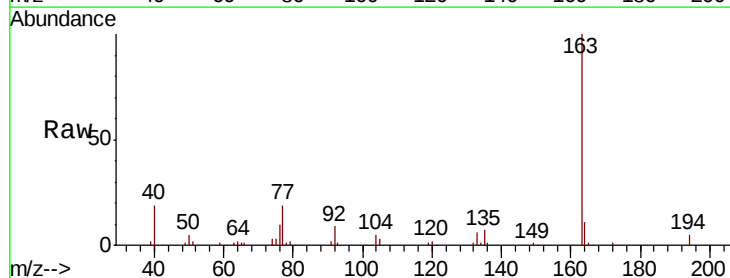
Tgt Ion:163 Resp: 53270

Ion Ratio Lower Upper

163 100

194 4.8 3.5 5.3

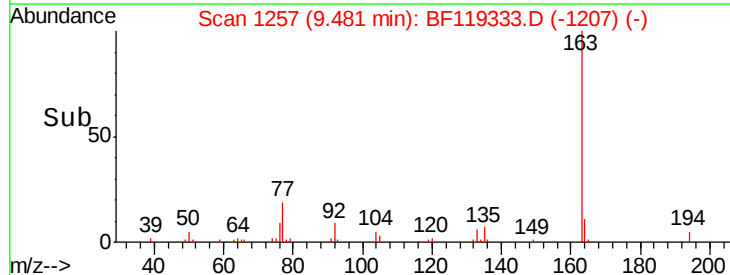
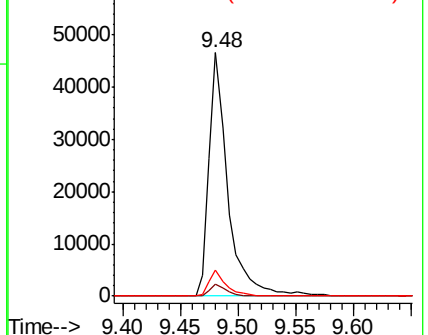
164 10.9 8.4 12.6

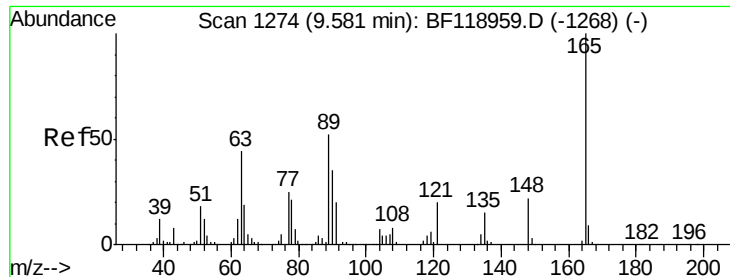


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

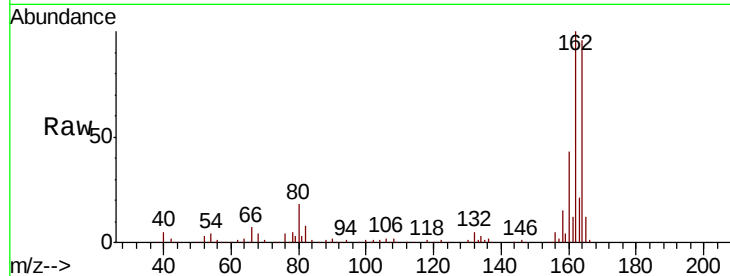




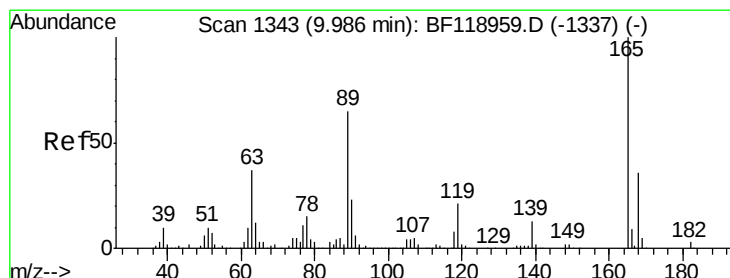
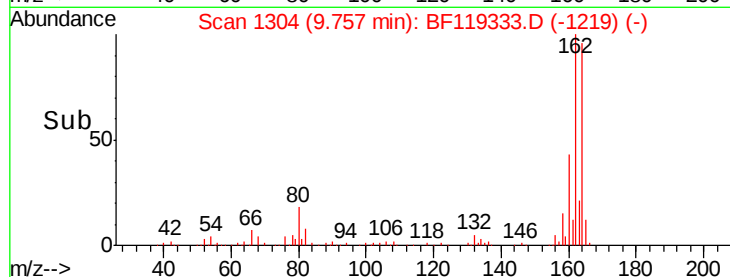
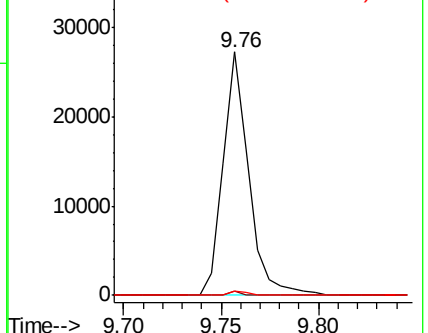
#51
 2,6-Dinitrotoluene
 Concen: 7.467 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. 0.20 min
 Lab File: BF119333.D
 Acq: 11 Mar 2020 1:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.6	34.3	51.5#
89	1.8	38.3	57.5#



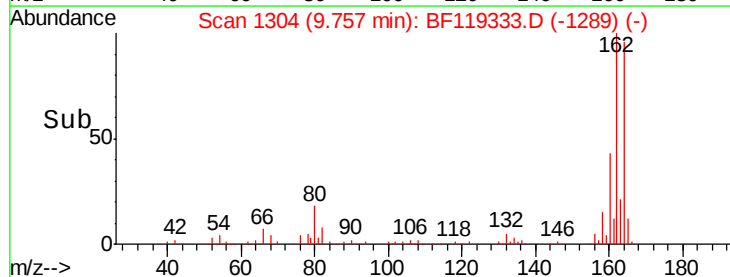
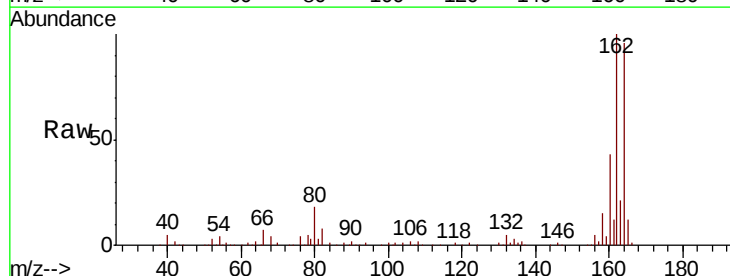
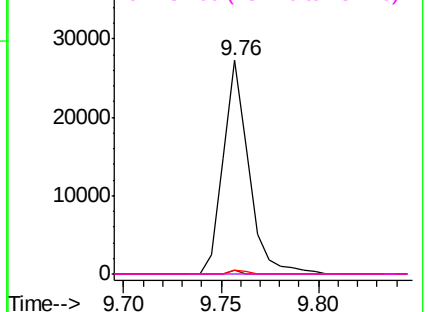
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

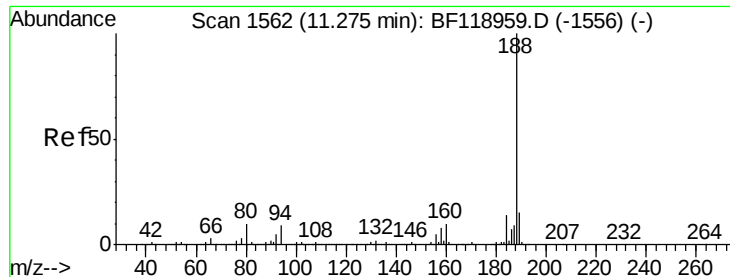


#57
 2,4-Dinitrotoluene
 Concen: 5.761 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. -0.21 min
 Lab File: BF119333.D
 Acq: 11 Mar 2020 1:52

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.6	42.3	63.5#
89	1.8	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: 11.25 min Scan# 1557

Delta R.T. 0.00 min

Lab File: BF119333.D

Acq: 11 Mar 2020 1:52

Instrument :

BNA_F

ClientSampleId :

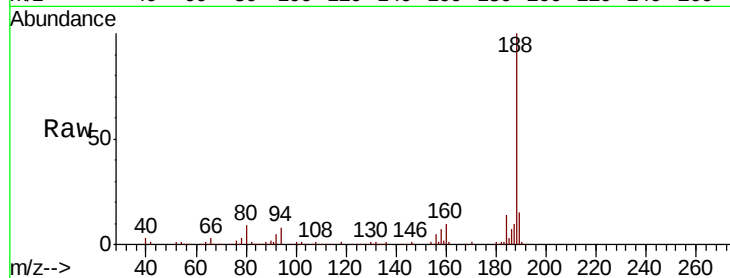
Tot Ion:188 Resp: 314028

Ion Ratio Lower Upper

188 100

94 8.4 7.1 10.7

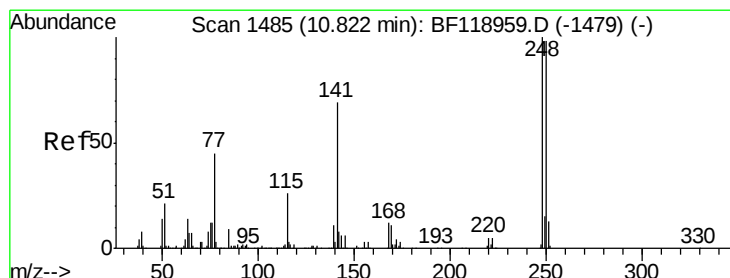
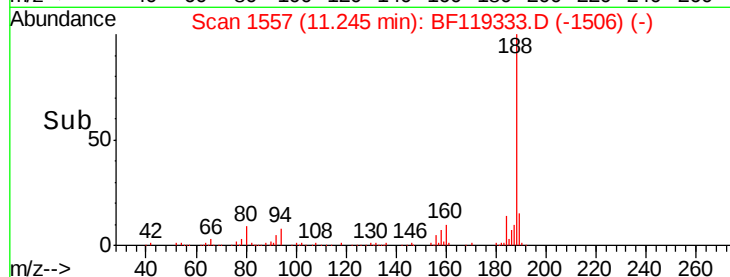
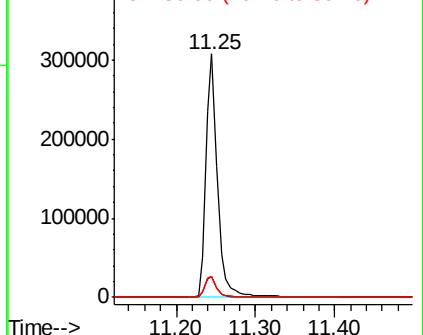
80 8.8 7.8 11.8



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: 4.130 ng

RT: 10.55 min Scan# 1439

Delta R.T. -0.24 min

Lab File: BF119333.D

Acq: 11 Mar 2020 1:52

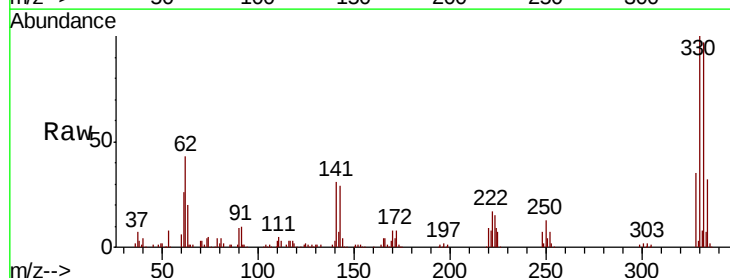
Tgt Ion:248 Resp: 16954

Ion Ratio Lower Upper

248 100

250 193.3 76.7 115.1#

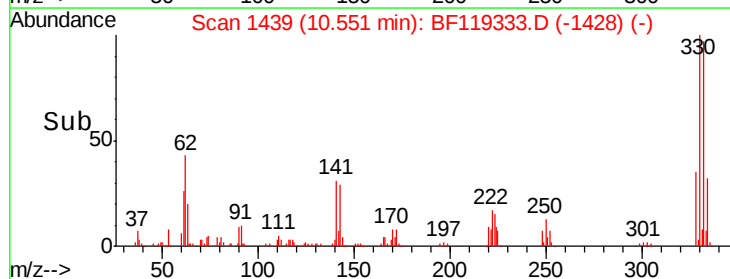
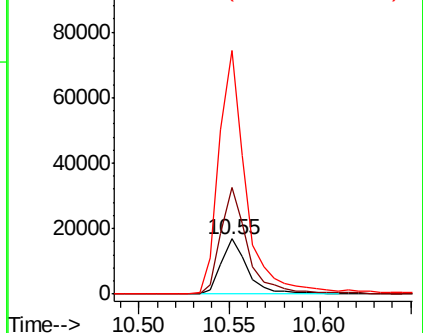
141 443.6 60.7 91.1#

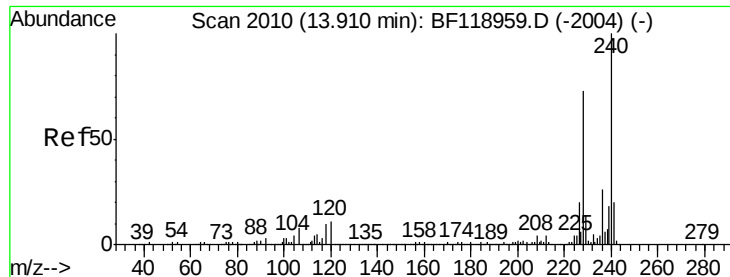


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

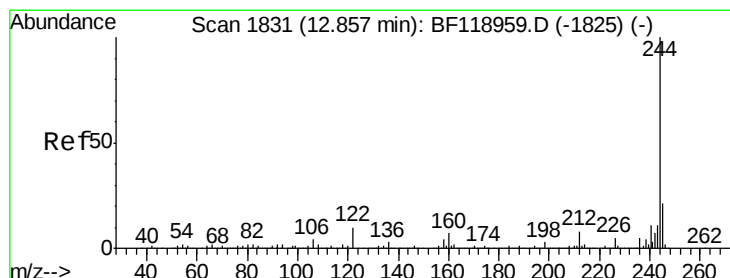
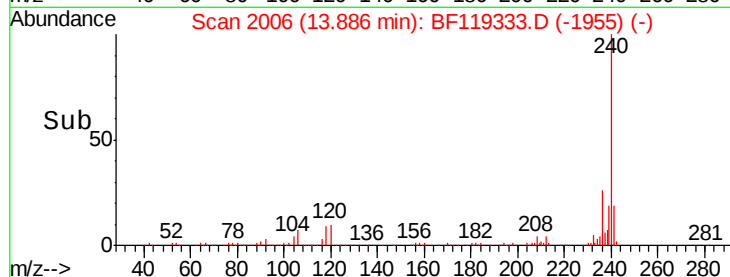
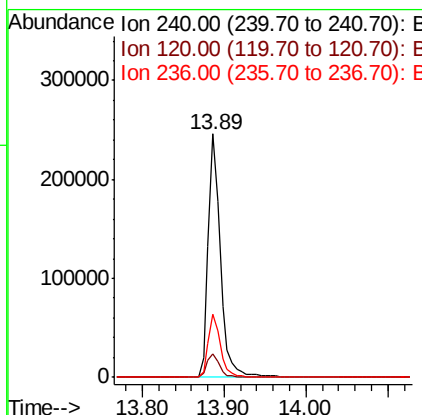
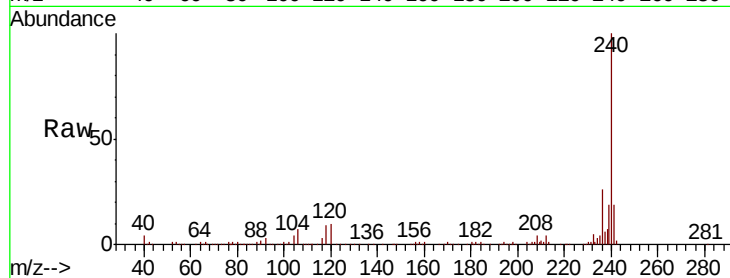




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.89 min Scan# 2006
 Delta R.T. 0.00 min
 Lab File: BF119333.D
 Acq: 11 Mar 2020 1:52

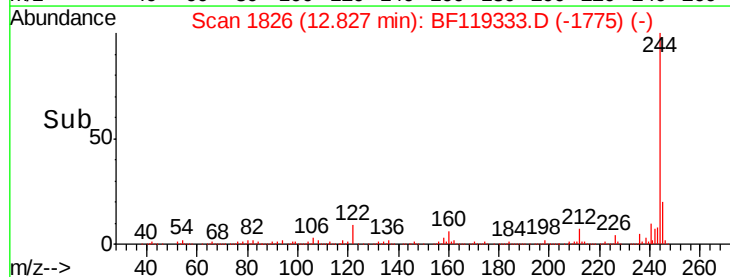
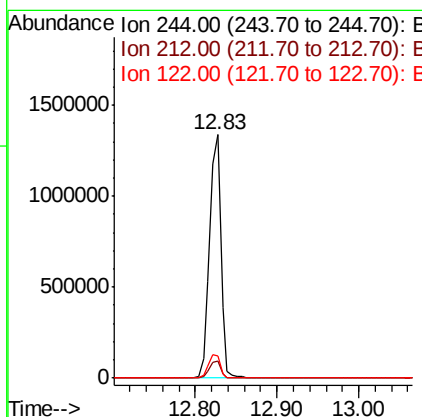
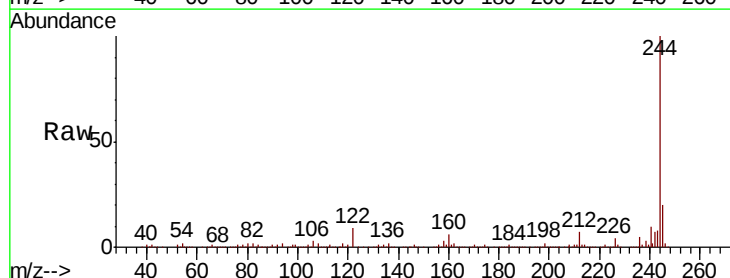
Instrument :
 BNA_F
 ClientSampleId :

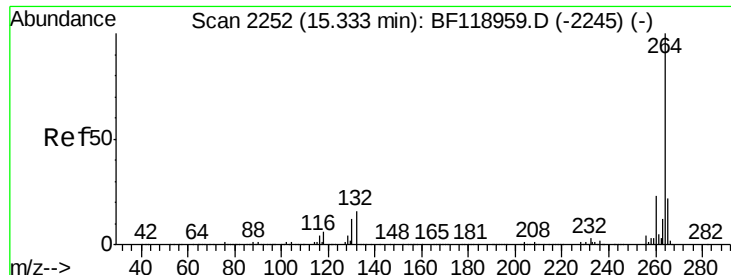
Tot Ion:240 Resp: 255798
 Ion Ratio Lower Upper
 240 100
 120 9.8 8.4 12.6
 236 26.2 21.0 31.4



#79
 Terphenyl-d14
 Concen: 87.043 ng
 RT: 12.83 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: BF119333.D
 Acq: 11 Mar 2020 1:52

Tgt Ion:244 Resp: 1293249
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.6 10.0
 122 8.9 8.2 12.2

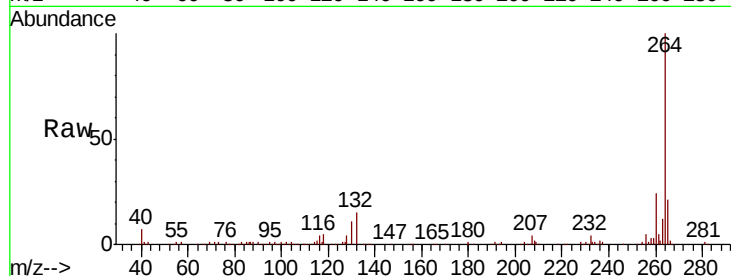




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.32 min Scan# 2250
Delta R.T. 0.01 min
Lab File: BF119333.D
Acq: 11 Mar 2020 1:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	264	Resp:	212177
Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.4	29.2
265	21.5	17.7	26.5



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

