

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031020\
 Data File : BF119340.D
 Acq On : 11 Mar 2020 7:56
 Operator : CG/JU
 Sample : L1826-04
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Mar 11 09:20:30 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

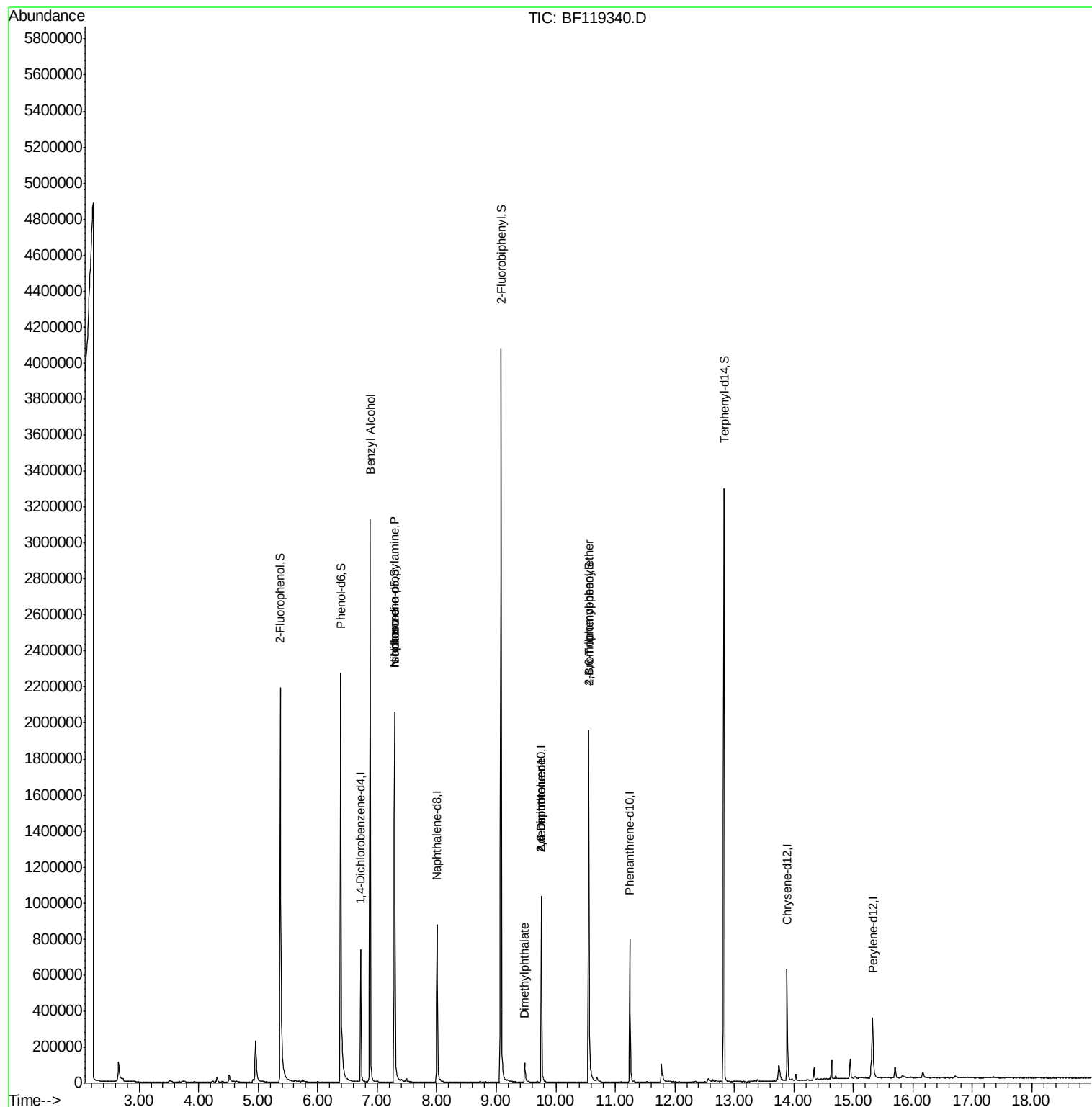
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	121134	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	450173	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	220597	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	329447	20.00	ng	0.00
76) Chrysene-d12	13.89	240	247093	20.00	ng	0.00
87) Perylene-d12	15.32	264	202727	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	885869	122.22	ng	0.02
7) Phenol-d6	6.39	99	969304	109.96	ng	0.00
23) Nitrobenzene-d5	7.29	82	733834	86.07	ng	0.00
42) 2,4,6-Tribromophenol	10.55	330	306432	106.19	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	1432708	95.68	ng	0.00
79) Terphenyl-d14	12.83	244	1266772	88.27	ng	0.00
Target Compounds						
15) Benzyl Alcohol	6.88	79	12989	2.039	ng	# 48
19) n-Nitroso-di-n-propylamine	7.29	70	103982	20.243	ng	# 77
25) Isophorone	7.29	82	733834	49.559	ng	# 63
50) Dimethylphthalate	9.48	163	59551	3.530	ng	# 98
51) 2,6-Dinitrotoluene	9.76	165	27656	7.379	ng	# 33
57) 2,4-Dinitrotoluene	9.76	165	27656	5.693	ng	# 21
67) 4-Bromophenyl-phenylether	10.55	248	20553	4.773	ng	# 1

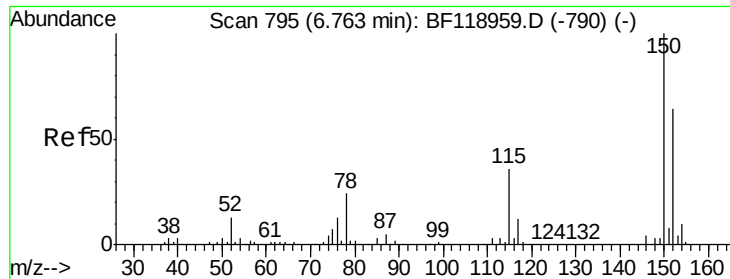
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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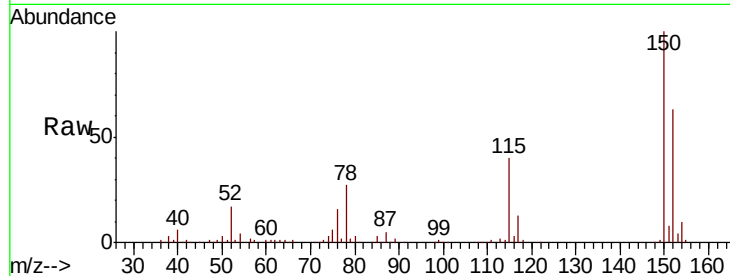


#1

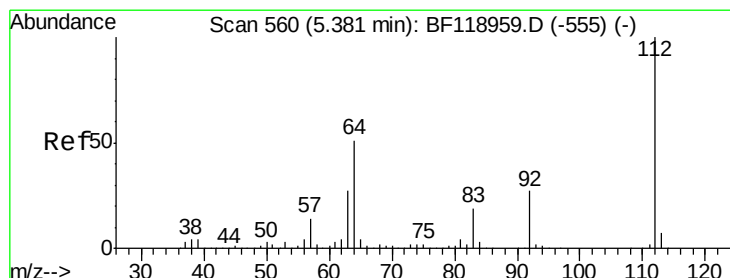
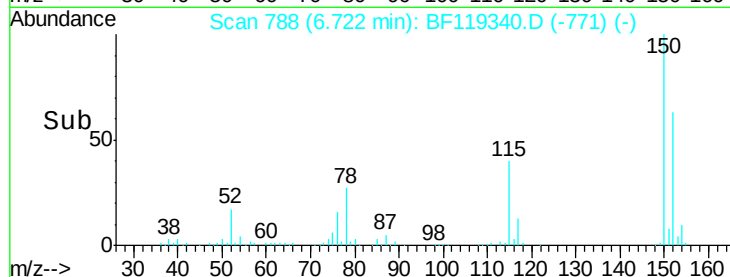
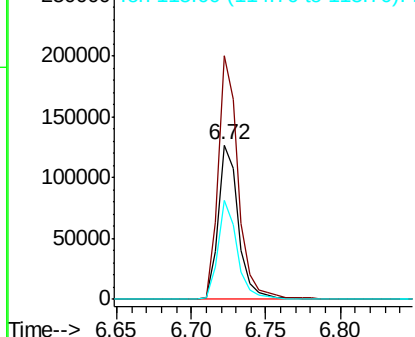
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. 0.00 min
Lab File: BF119340.D
Acq: 11 Mar 2020 7:56

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:152 Resp: 121134
Ion Ratio Lower Upper
152 100
150 158.0 123.0 184.6
115 63.9 49.5 74.3



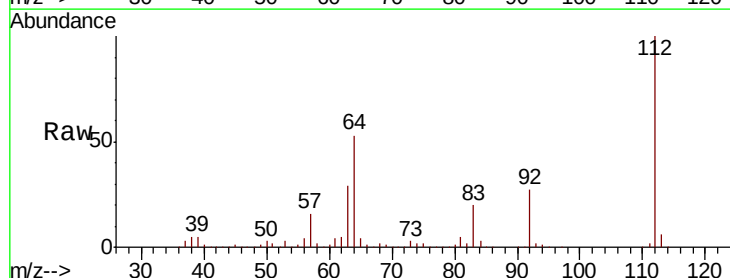
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



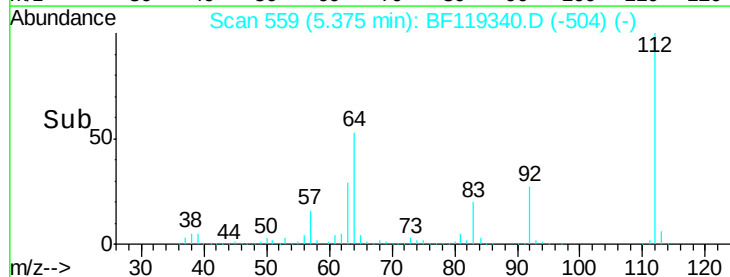
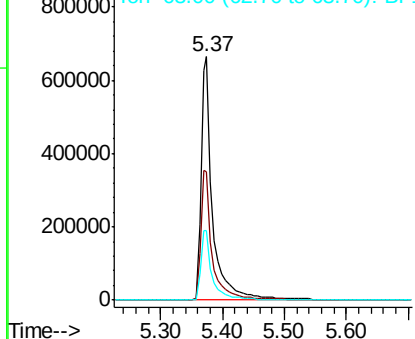
#5

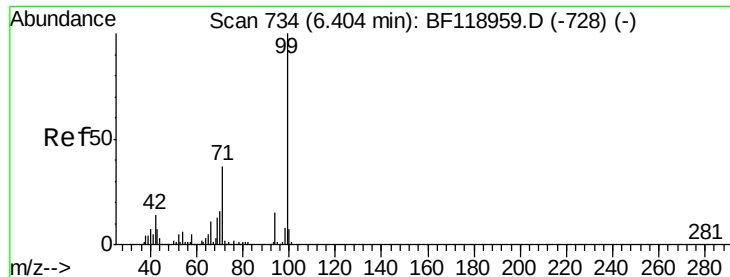
2-Fluorophenol
Concen: 122.215 ng
RT: 5.37 min Scan# 559
Delta R.T. 0.02 min
Lab File: BF119340.D
Acq: 11 Mar 2020 7:56

Tgt Ion:112 Resp: 885869
Ion Ratio Lower Upper
112 100
64 52.6 45.0 67.4
63 28.6 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: 109.956 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF119340.D

Acq: 11 Mar 2020 7:56

Instrument :
MSVOA_W
ClientSampled :

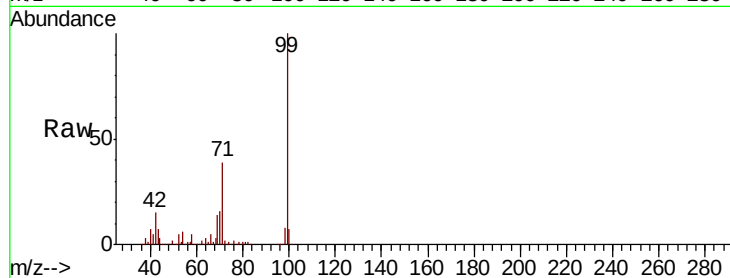
Tot Ion: 99 Resp: 969304

Ion Ratio Lower Upper

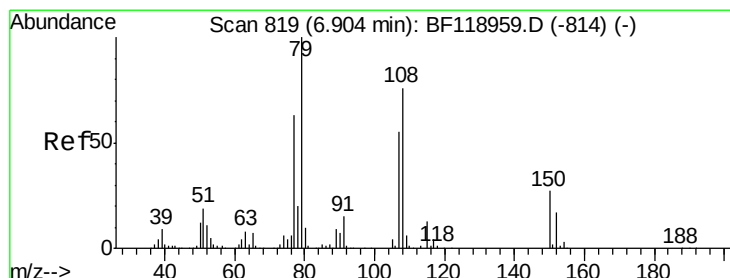
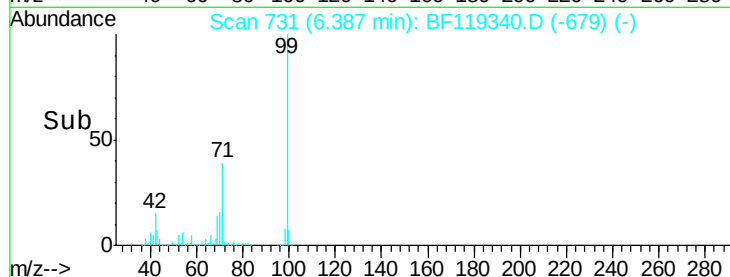
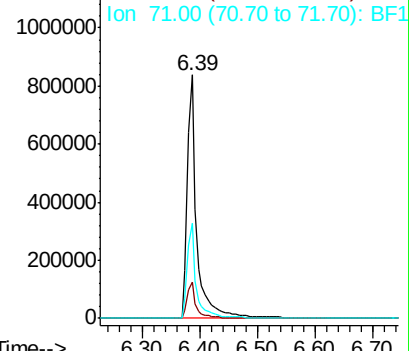
99 100

42 14.9 12.6 18.8

71 39.1 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: 2.039 ng

RT: 6.88 min Scan# 815

Delta R.T. 0.00 min

Lab File: BF119340.D

Acq: 11 Mar 2020 7:56

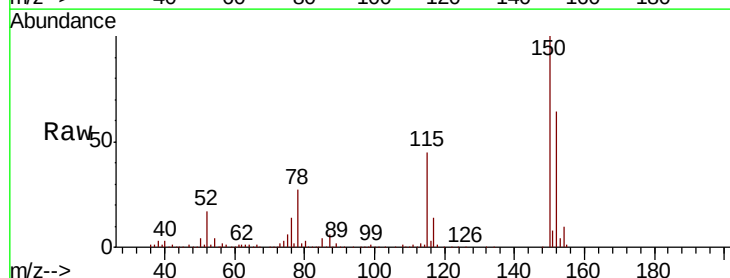
Tgt Ion: 79 Resp: 12989

Ion Ratio Lower Upper

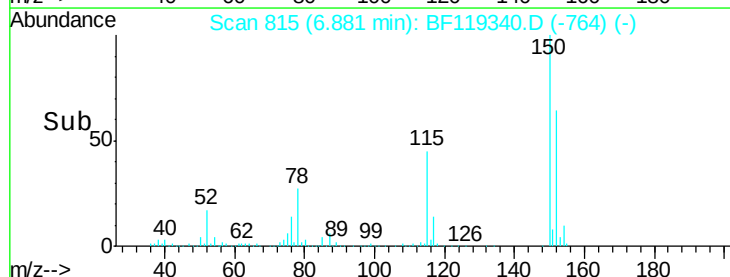
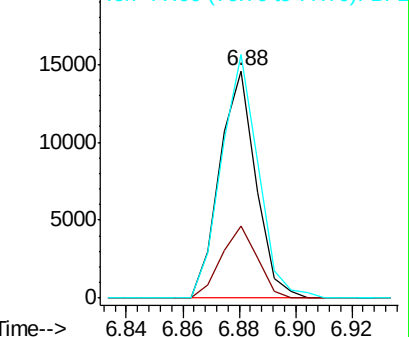
79 100

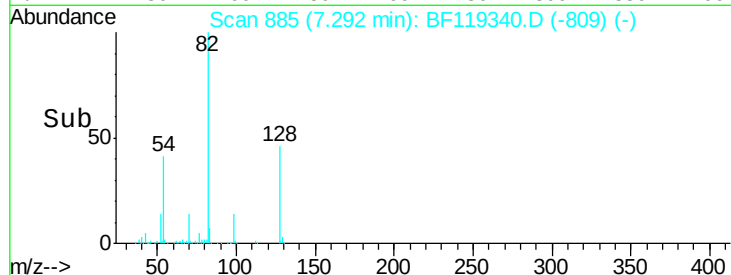
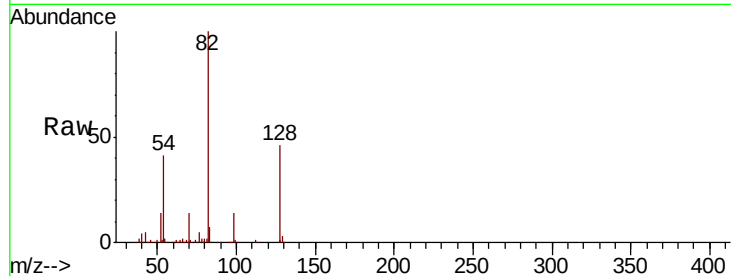
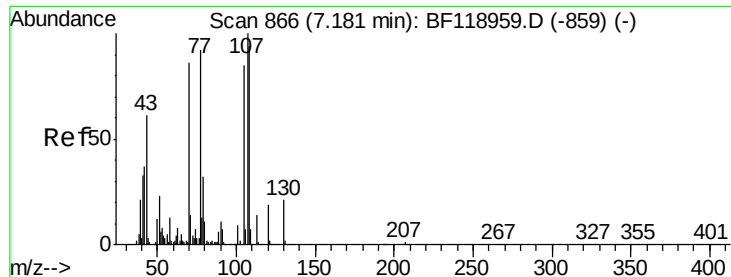
108 31.7 58.2 87.2#

77 107.1 51.2 76.8#



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

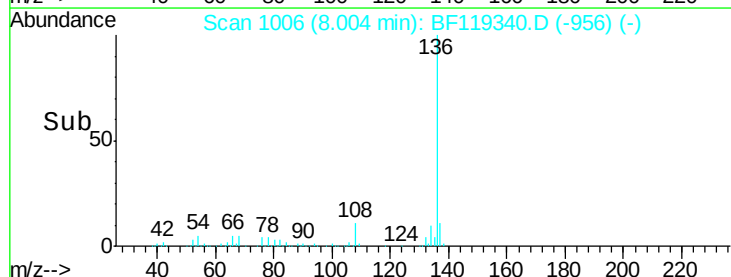
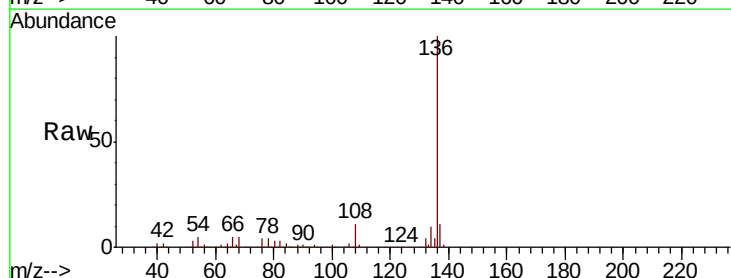
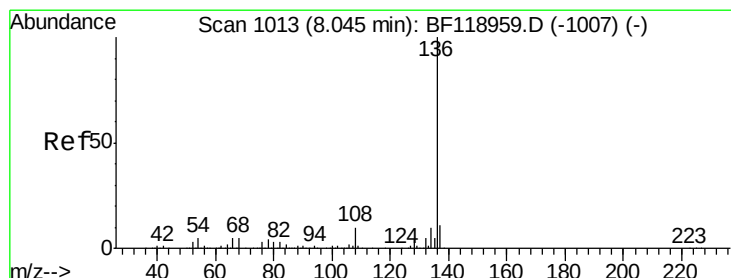
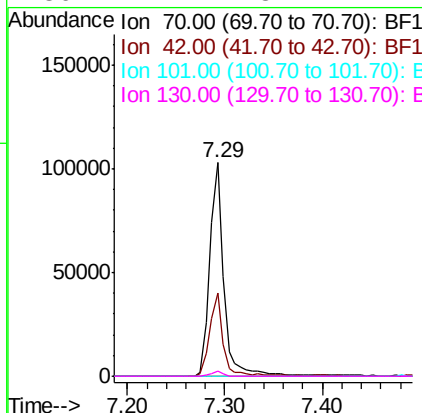




#19
n-Nitroso-di-n-propylamine
Concen: 20.243 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.15 min
Lab File: BF119340.D
Acq: 11 Mar 2020 7:56

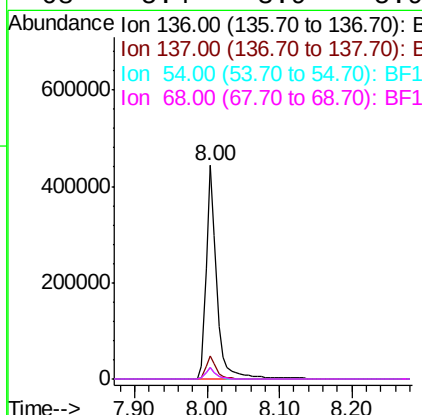
Instrument :
MSVOA_W
ClientSampleId :

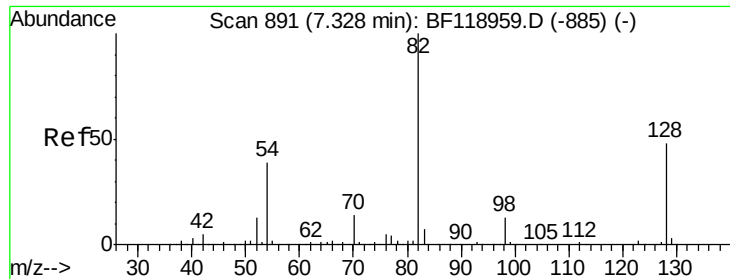
Tot Ion: 70 Resp: 103982
Ion Ratio Lower Upper
70 100
42 38.8 38.0 57.0
101 0.0 8.2 12.4#
130 2.4 18.2 27.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF119340.D
Acq: 11 Mar 2020 7:56

Tgt Ion: 136 Resp: 450173
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 5.3 3.8 5.6
68 5.4 3.9 5.9





#23

Nitrobenzene-d5

Concen: 86.070 ng

RT: 7.29 min Scan# 885

Delta R.T. 0.00 min

Lab File: BF119340.D

Acq: 11 Mar 2020 7:56

Instrument :

MSVOA_W

ClientSampled :

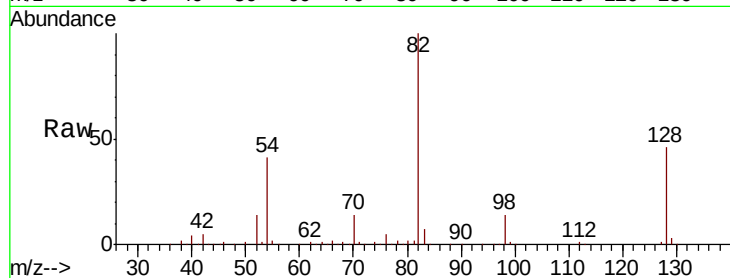
Tot Ion: 82 Resp: 733834

Ion Ratio Lower Upper

82 100

128 46.4 37.9 56.9

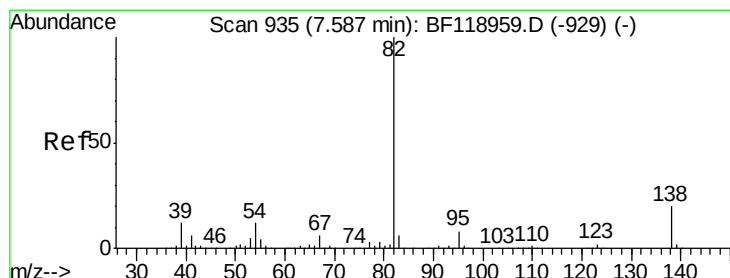
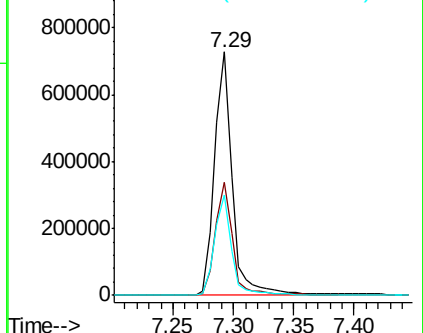
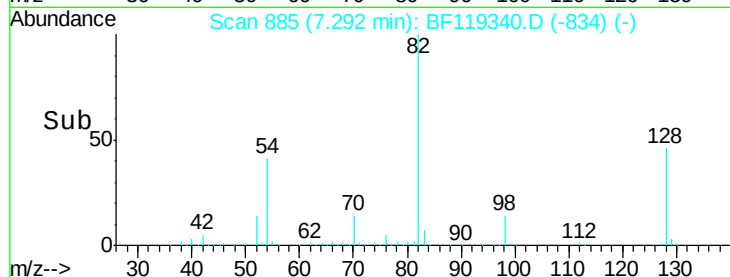
54 41.4 33.4 50.2



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: 49.559 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.26 min

Lab File: BF119340.D

Acq: 11 Mar 2020 7:56

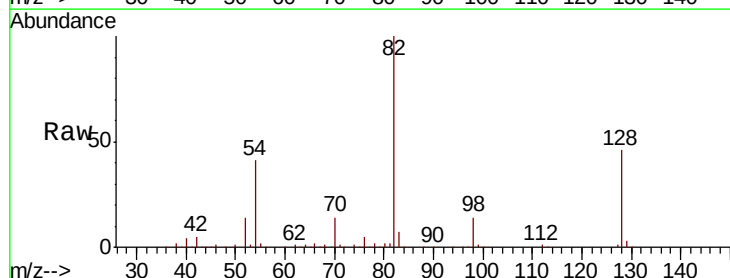
Tgt Ion: 82 Resp: 733834

Ion Ratio Lower Upper

82 100

95 0.0 6.4 9.6#

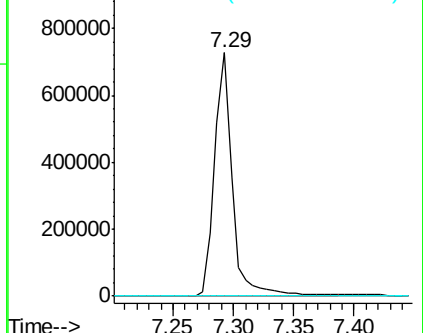
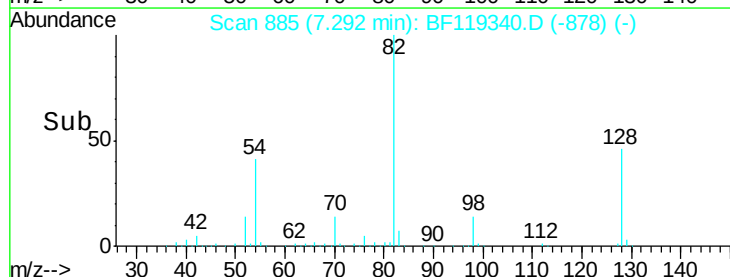
138 0.0 15.7 23.5#

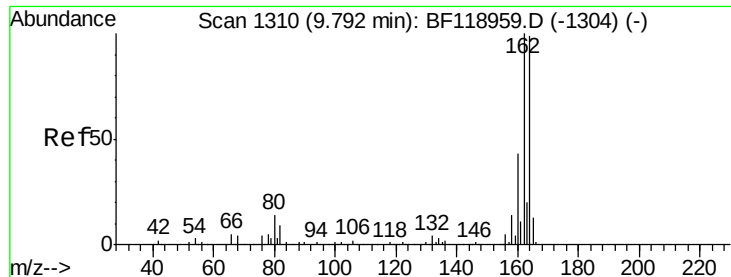


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1

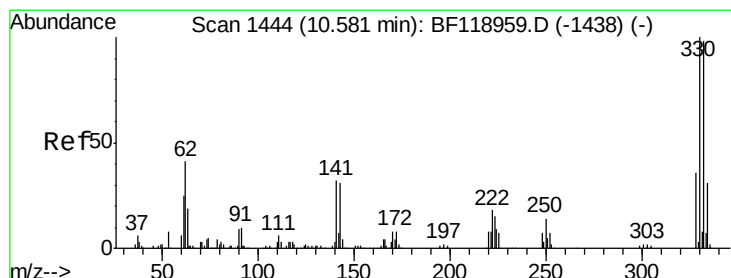
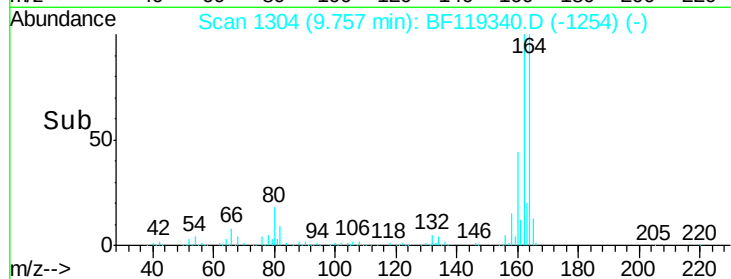
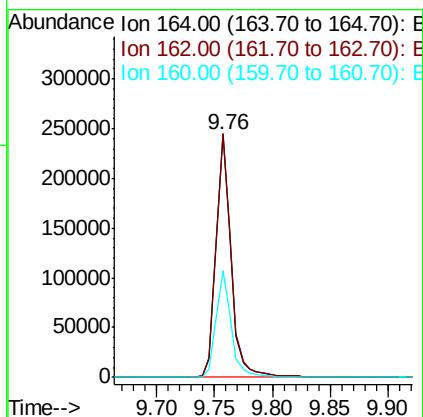
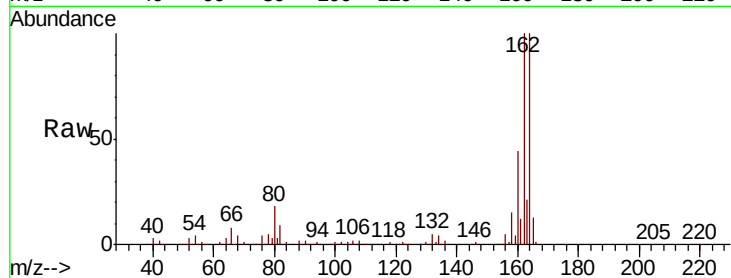




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF119340.D
Acq: 11 Mar 2020 7:56

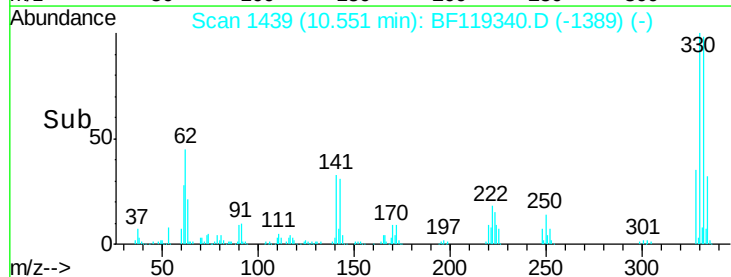
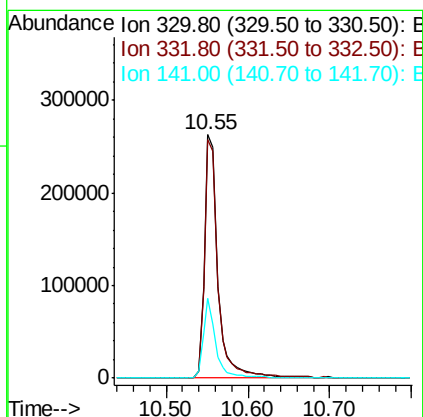
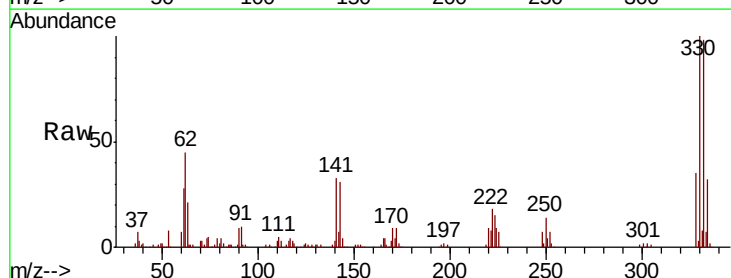
Instrument :
MSVOA_W
ClientSampleId :

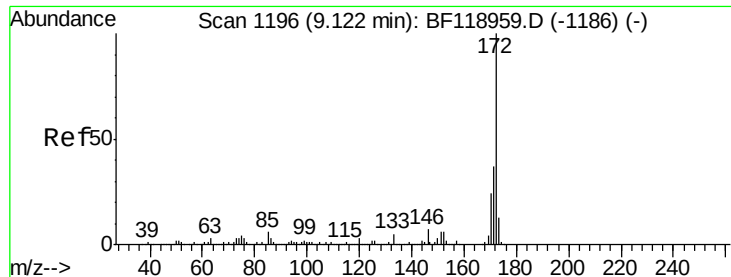
Tot Ion:164 Resp: 220597
Ion Ratio Lower Upper
164 100
162 100.1 81.8 122.8
160 43.8 36.0 54.0



#42
2,4,6-Tribromophenol
Concen: 106.187 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.01 min
Lab File: BF119340.D
Acq: 11 Mar 2020 7:56

Tgt Ion:330 Resp: 306432
Ion Ratio Lower Upper
330 100
332 98.4 76.0 114.0
141 30.4 22.9 34.3

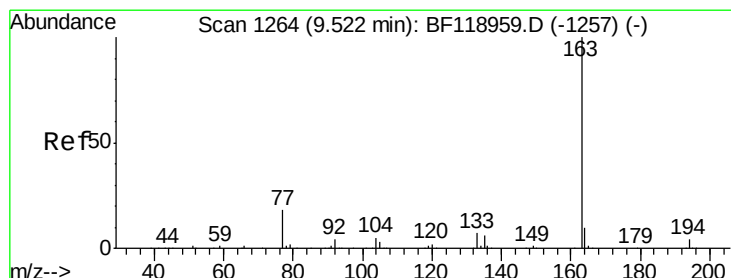
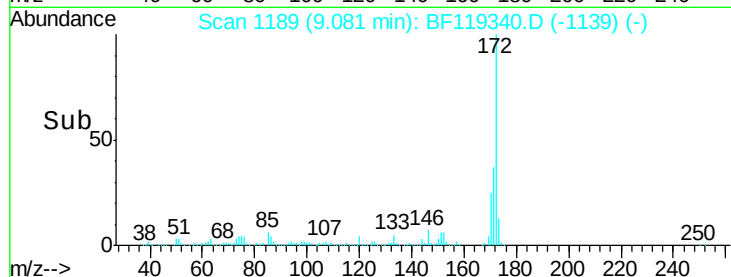
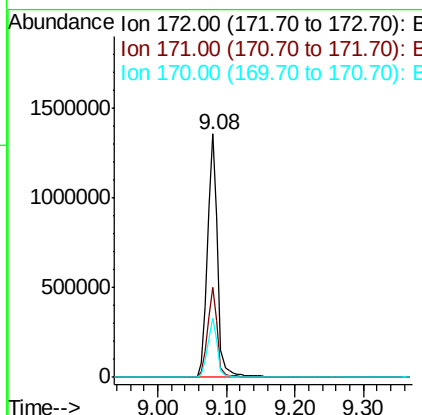
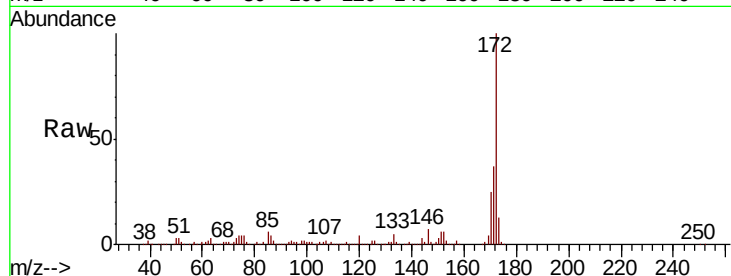




#45
2-Fluorobiphenyl
Concen: 95.678 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF119340.D
Acq: 11 Mar 2020 7:56

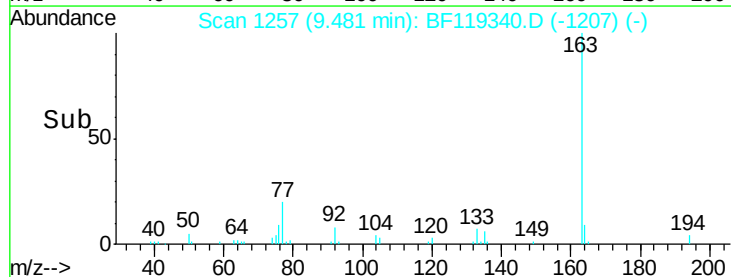
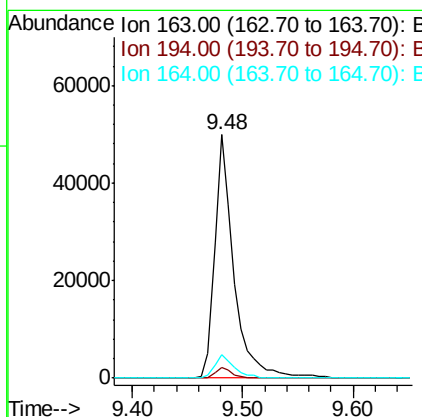
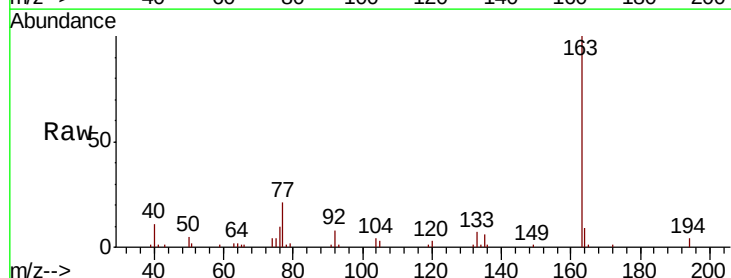
Instrument :
MSVOA_W
ClientSampled :

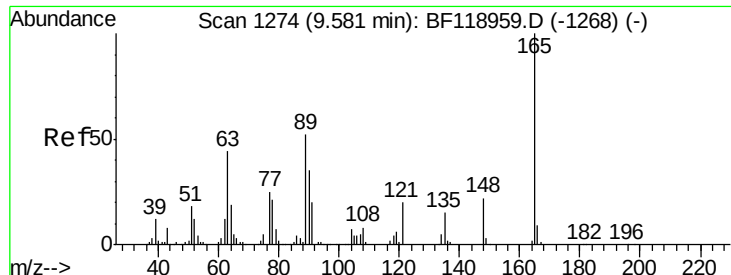
Tot Ion:172 Resp: 1432708
Ion Ratio Lower Upper
172 100
171 36.9 30.6 45.8
170 24.5 20.2 30.2



#50
Dimethylphthalate
Concen: 3.530 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.01 min
Lab File: BF119340.D
Acq: 11 Mar 2020 7:56

Tgt Ion:163 Resp: 59551
Ion Ratio Lower Upper
163 100
194 4.3 3.5 5.3
164 9.5 8.4 12.6

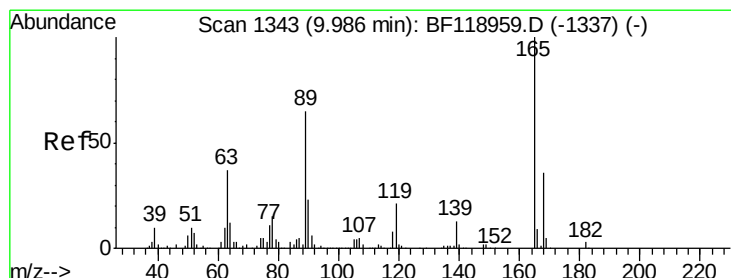
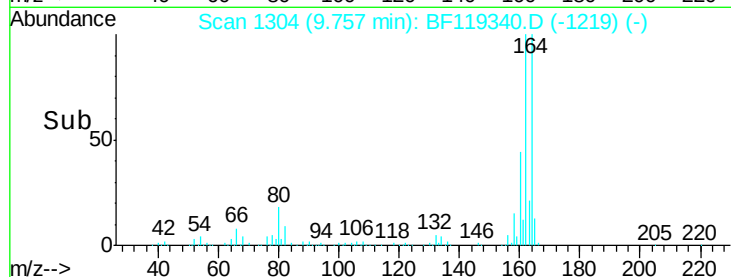
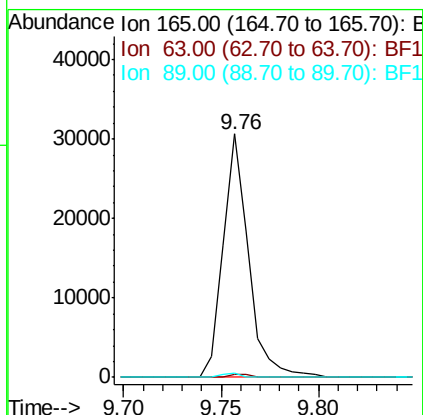
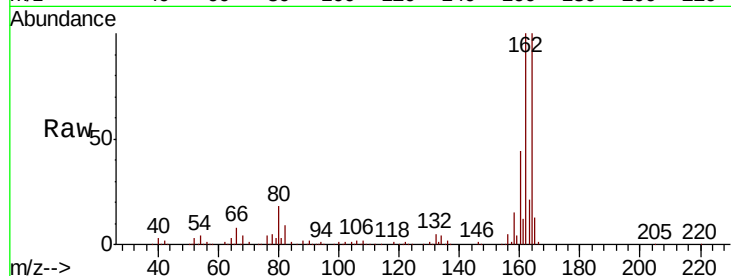




#51
 2,6-Dinitrotoluene
 Concen: 7.379 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. 0.20 min
 Lab File: BF119340.D
 Acq: 11 Mar 2020 7:56

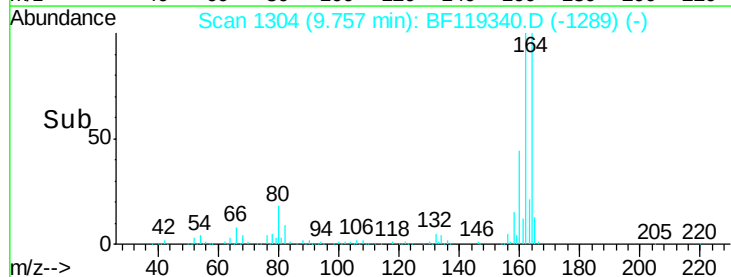
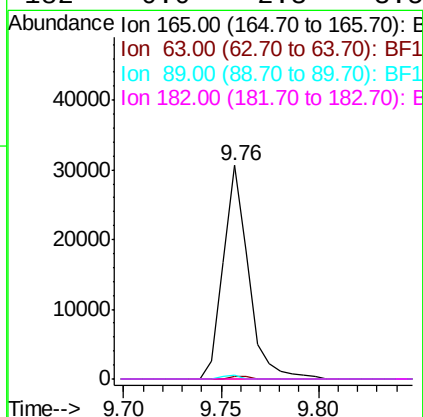
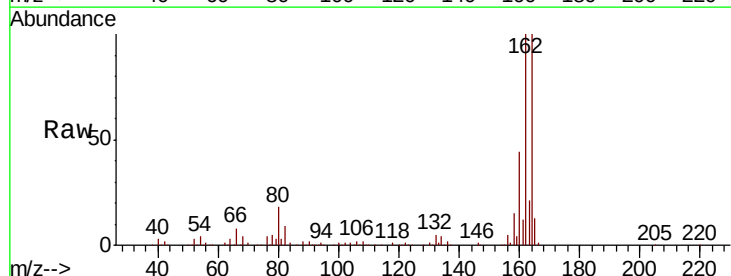
Instrument :
 MSVOA_W
 ClientSampleId :

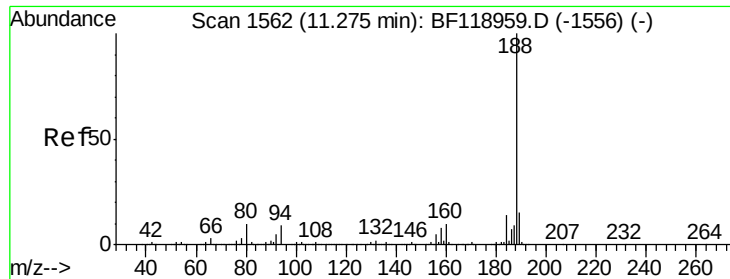
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.1	34.3	51.5#
89	1.7	38.3	57.5#



#57
 2,4-Dinitrotoluene
 Concen: 5.693 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. -0.21 min
 Lab File: BF119340.D
 Acq: 11 Mar 2020 7:56

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	42.3	63.5#
89	1.7	60.2	90.4#
182	0.0	2.3	3.5#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.25 min Scan# 1557

Delta R.T. 0.00 min

Lab File: BF119340.D

Acq: 11 Mar 2020 7:56

Instrument :

MSVOA_W

ClientSampleId :

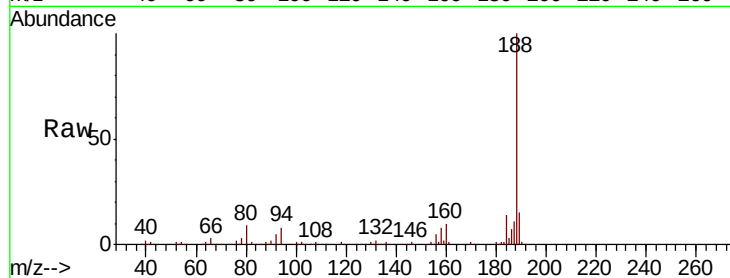
Tot Ion:188 Resp: 329447

Ion Ratio Lower Upper

188 100

94 8.0 7.1 10.7

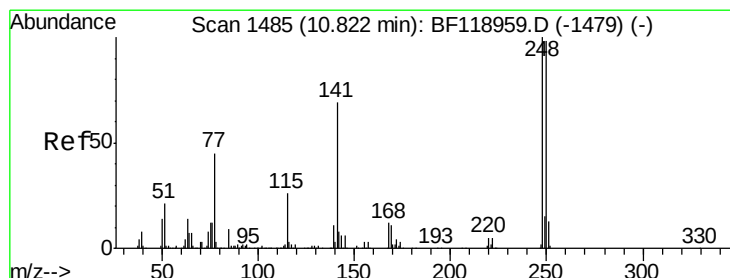
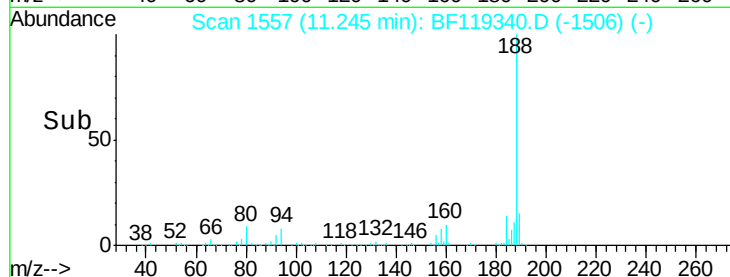
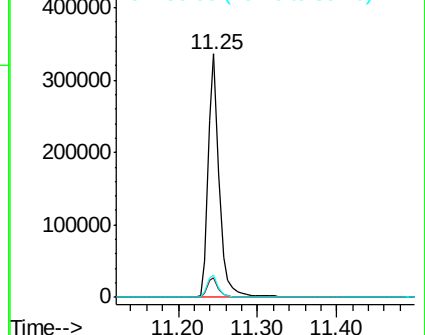
80 9.0 7.8 11.8



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: 4.773 ng

RT: 10.55 min Scan# 1439

Delta R.T. -0.24 min

Lab File: BF119340.D

Acq: 11 Mar 2020 7:56

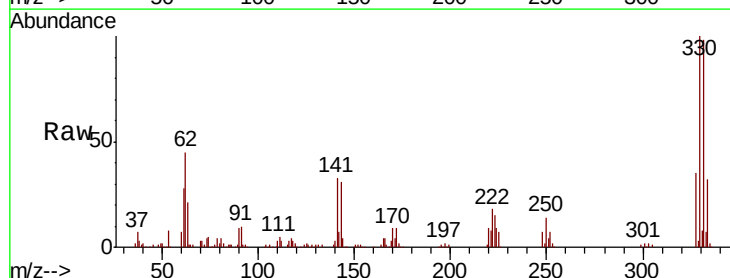
Tgt Ion:248 Resp: 20553

Ion Ratio Lower Upper

248 100

250 201.7 76.7 115.1#

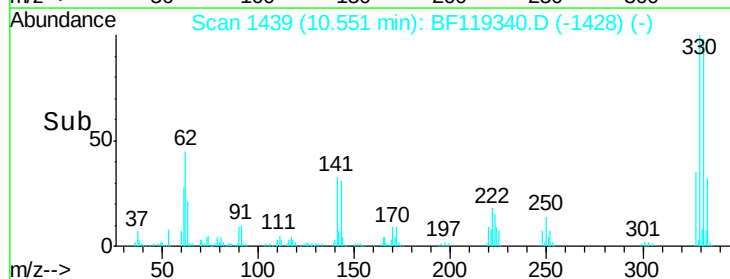
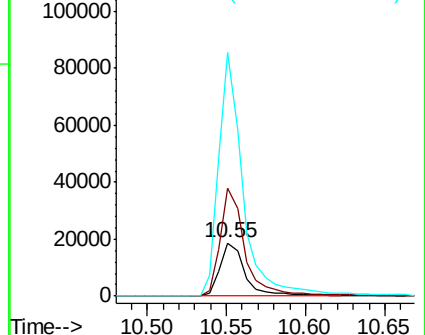
141 454.9 60.7 91.1#

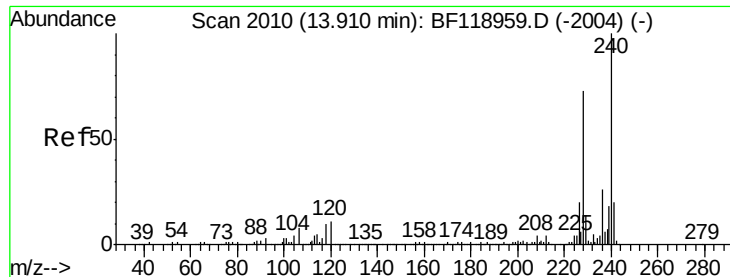


Abundance Ion 248.00 (247.70 to 248.70): E

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: BF119340.D

Acq: 11 Mar 2020 7:56

Instrument :

MSVOA_W

ClientSampleId :

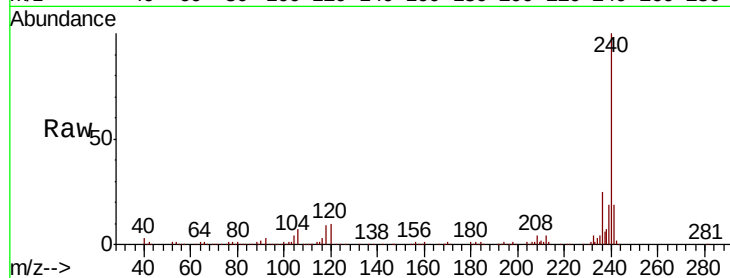
Tot Ion:240 Resp: 247093

Ion Ratio Lower Upper

240 100

120 9.5 8.4 12.6

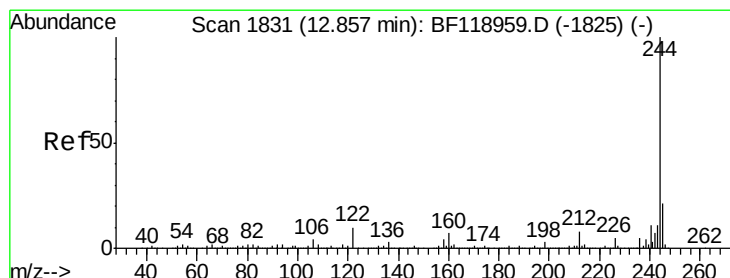
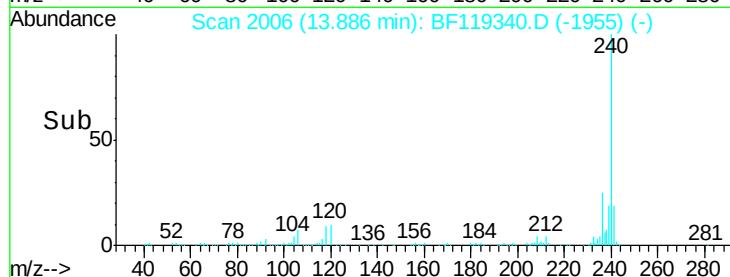
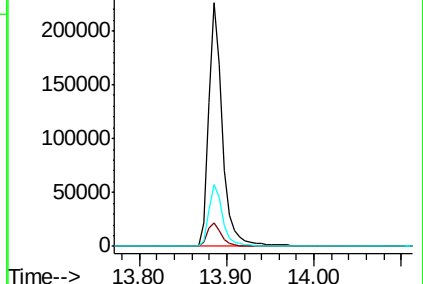
236 25.3 21.0 31.4



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: 88.265 ng

RT: 12.83 min Scan# 1826

Delta R.T. 0.00 min

Lab File: BF119340.D

Acq: 11 Mar 2020 7:56

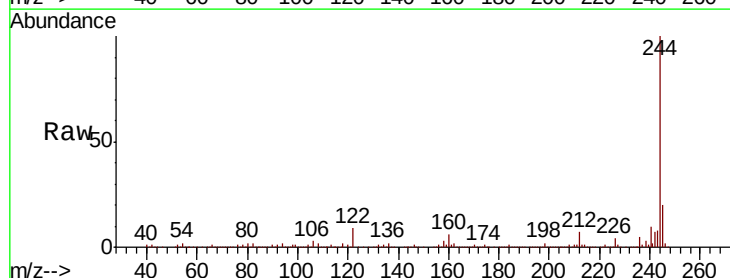
Tgt Ion:244 Resp: 1266772

Ion Ratio Lower Upper

244 100

212 7.1 6.6 10.0

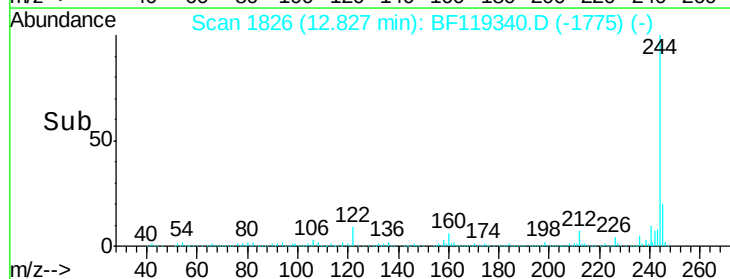
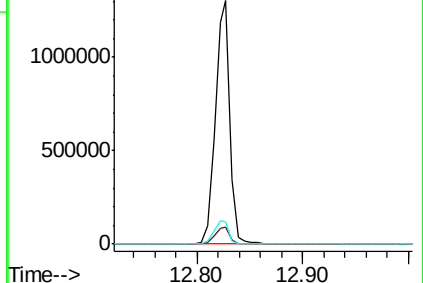
122 8.9 8.2 12.2

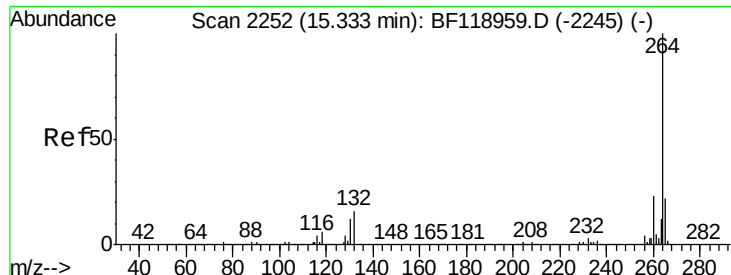


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.32 min Scan# 2250
Delta R.T. 0.01 min
Lab File: BF119340.D
Acq: 11 Mar 2020 7:56

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:	264	Resp:	202727
Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.4	29.2
265	21.8	17.7	26.5

