

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030420\
 Data File : BF119188.D
 Acq On : 4 Mar 2020 11:59
 Operator : CG/JU
 Sample : L1744-03
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 04 13:00:28 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

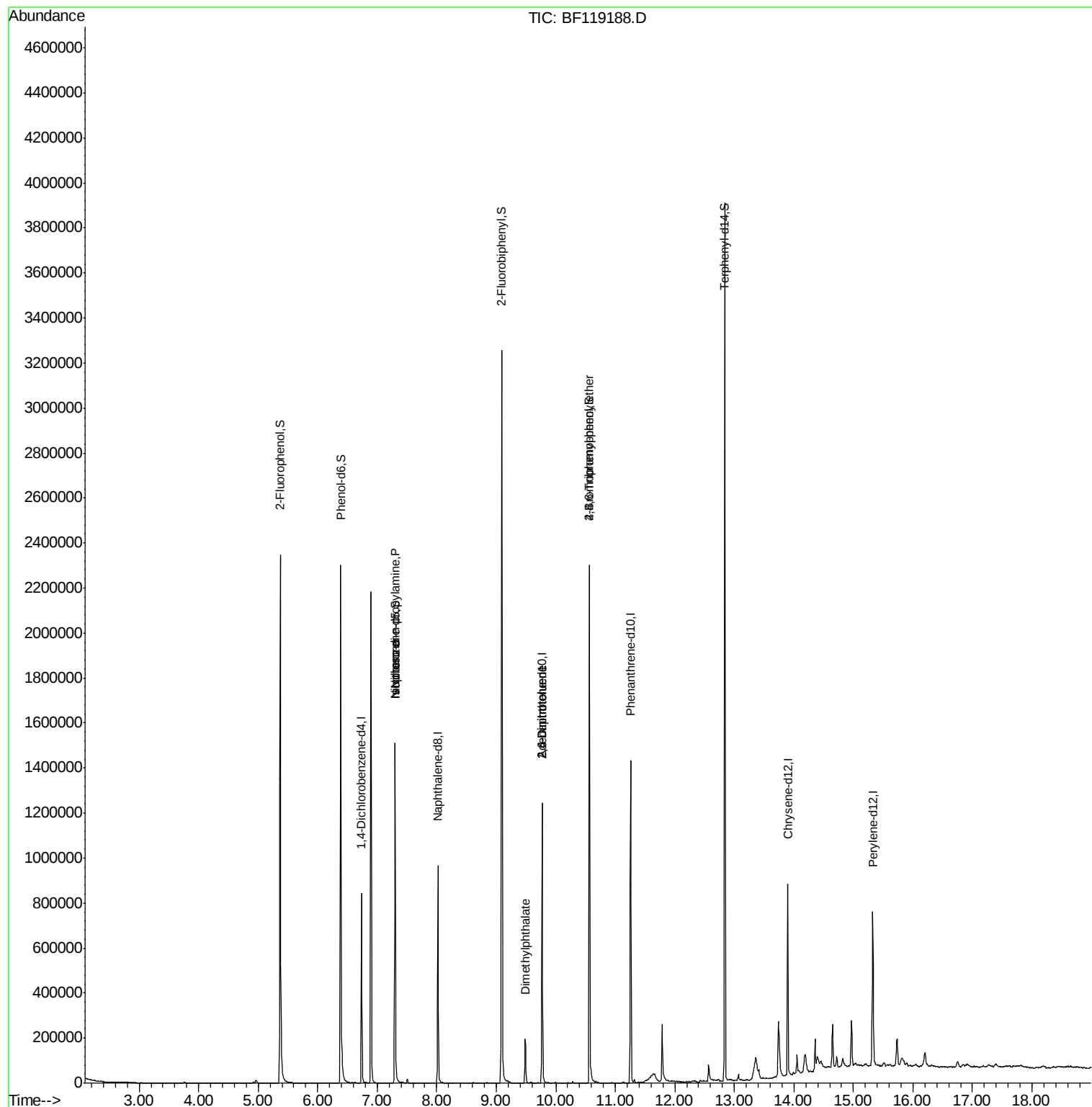
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	134729	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	516247	20.00	ng	-0.01
39) Acenaphthene-d10	9.77	164	288264	20.00	ng	-0.01
64) Phenanthrene-d10	11.26	188	525629	20.00	ng	0.00
76) Chrysene-d12	13.90	240	298185	20.00	ng	0.00
87) Perylene-d12	15.33	264	267193	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	725865	90.04	ng	0.00
7) Phenol-d6	6.39	99	894596	91.24	ng	-0.02
23) Nitrobenzene-d5	7.30	82	590926	60.44	ng	-0.02
42) 2,4,6-Tribromophenol	10.57	330	326479	86.58	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	1196391	61.14	ng	-0.02
79) Terphenyl-d14	12.84	244	1385124	79.97	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.30	70	81562	14.276	ng	# 75
25) Isophorone	7.30	82	580696	34.198	ng	# 63
50) Dimethylphthalate	9.49	163	94469	4.286	ng	# 99
51) 2,6-Dinitrotoluene	9.77	165	36160	7.384	ng	# 33
57) 2,4-Dinitrotoluene	9.77	165	36160	5.696	ng	# 21
67) 4-Bromophenyl-phenylether	10.56	248	21062	3.066	ng	# 1

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030420\
Data File : BF119188.D
Acq On : 4 Mar 2020 11:59
Operator : CG/JU
Sample : L1744-03
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Mar 04 13:00:28 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



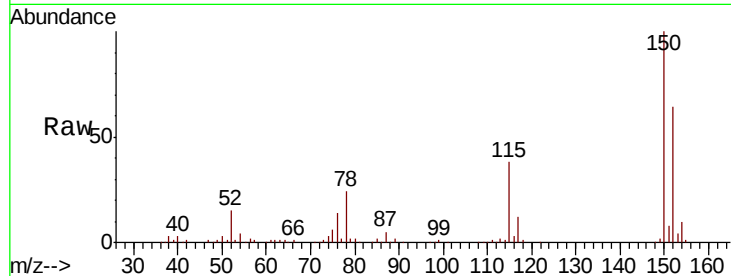


#1

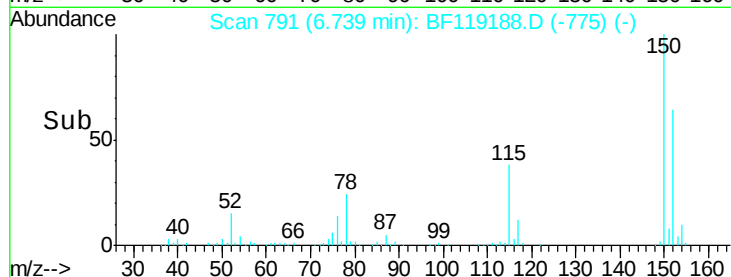
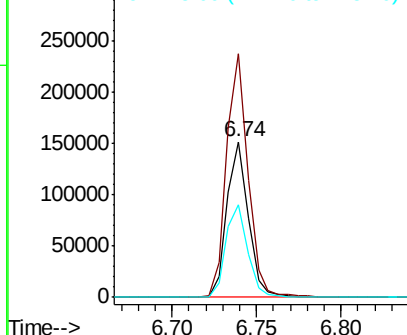
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 791
Delta R.T. -0.01 min
Lab File: BF119188.D
Acq: 4 Mar 2020 11:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 134729
Ion Ratio Lower Upper
152 100
150 156.1 123.0 184.6
115 59.0 49.5 74.3



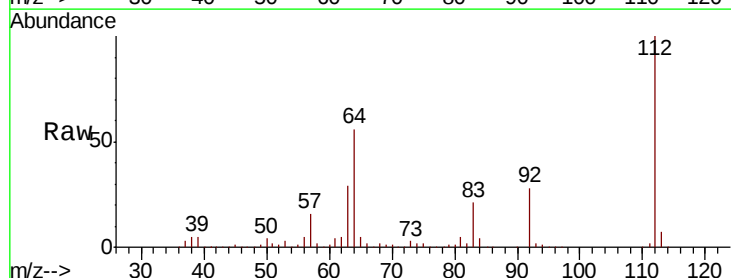
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



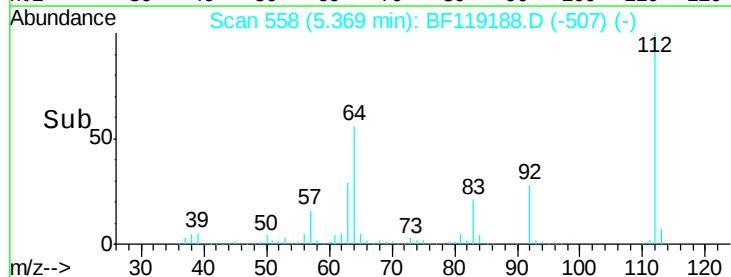
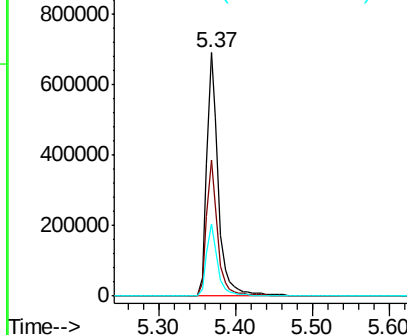
#5

2-Fluorophenol
Concen: 90.036 ng
RT: 5.37 min Scan# 558
Delta R.T. -0.00 min
Lab File: BF119188.D
Acq: 4 Mar 2020 11:59

Tgt Ion:112 Resp: 725865
Ion Ratio Lower Upper
112 100
64 55.7 45.0 67.4
63 29.5 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: 91.241 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.02 min

Lab File: BF119188.D

Acq: 4 Mar 2020 11:59

Instrument :

BNA_F

ClientSampleId :

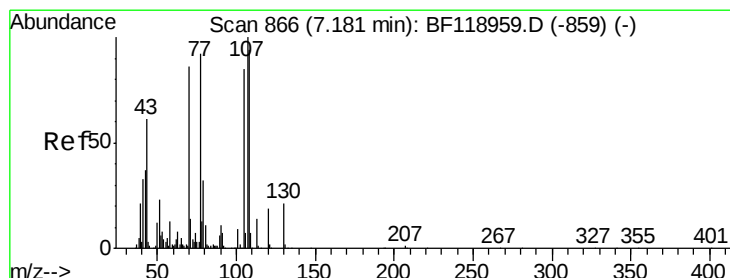
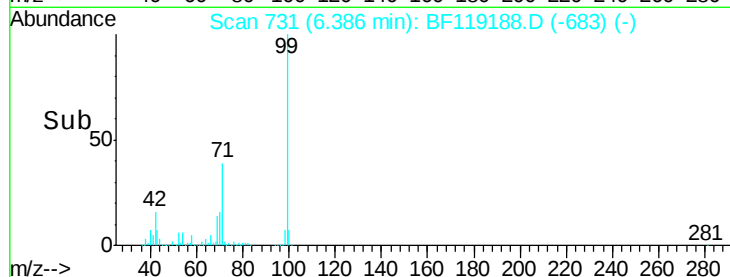
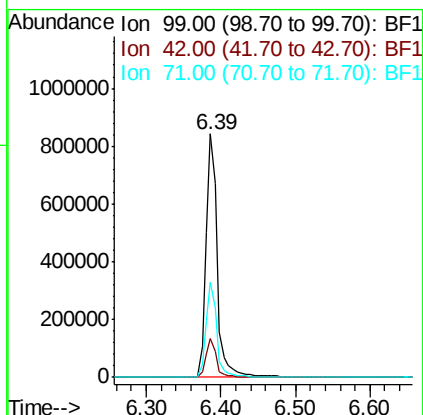
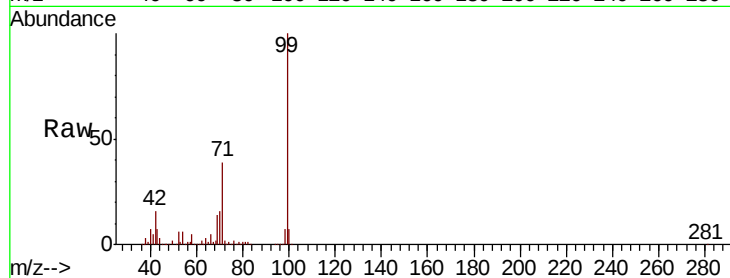
Tot Ion: 99 Resp: 894596

Ion Ratio Lower Upper

99 100

42 15.7 12.6 18.8

71 39.0 31.0 46.4



#19

n-Nitroso-di-n-propylamine

Concen: 14.276 ng

RT: 7.30 min Scan# 887

Delta R.T. 0.13 min

Lab File: BF119188.D

Acq: 4 Mar 2020 11:59

Tgt Ion: 70 Resp: 81562

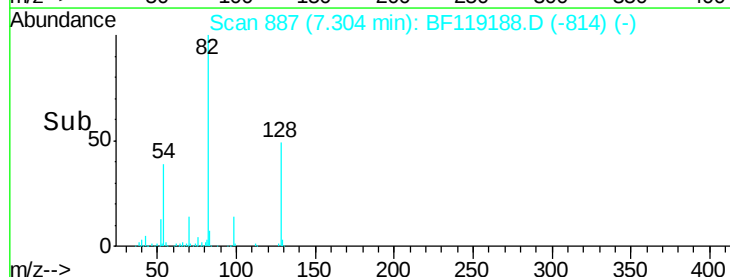
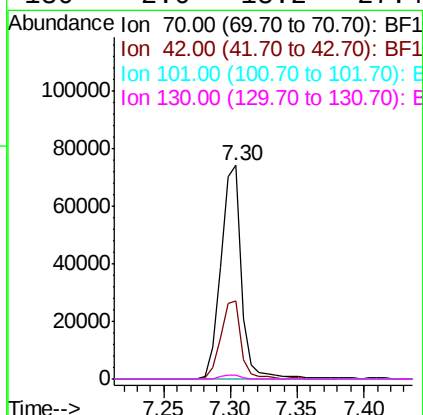
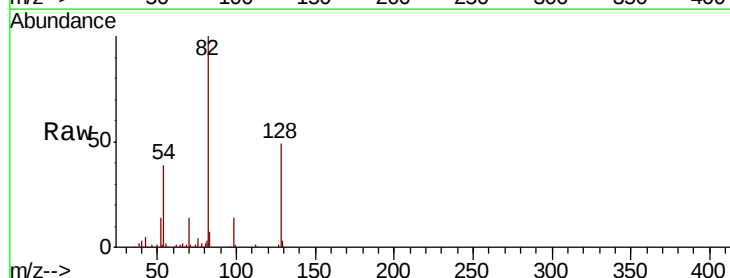
Ion Ratio Lower Upper

70 100

42 36.5 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: 8.02 min Scan# 1009

Delta R.T. -0.01 min

Lab File: BF119188.D

Acq: 4 Mar 2020 11:59

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 516247

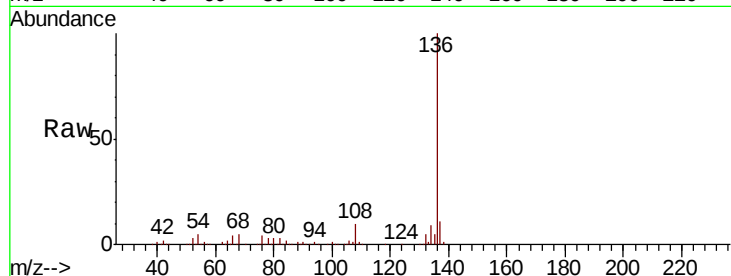
Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

54 4.6 3.8 5.6

68 4.8 3.9 5.9

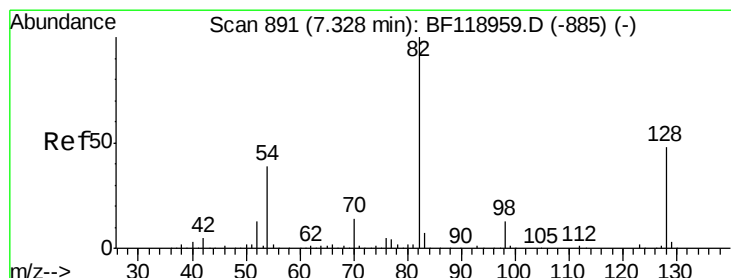
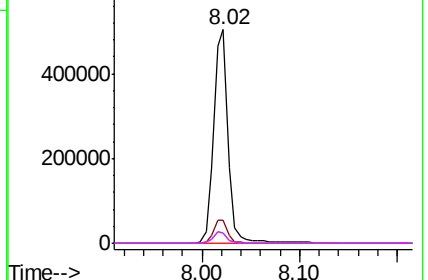
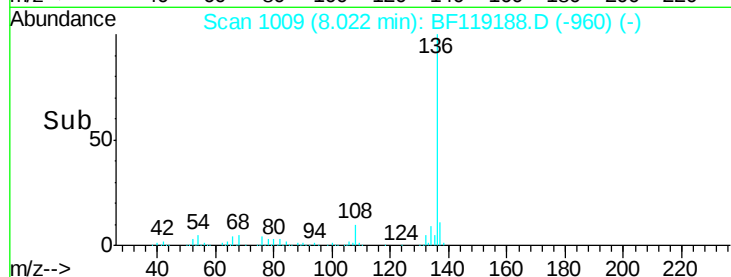


Abundance Ion 136.00 (135.70 to 136.70): E

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: 60.438 ng

RT: 7.30 min Scan# 887

Delta R.T. -0.02 min

Lab File: BF119188.D

Acq: 4 Mar 2020 11:59

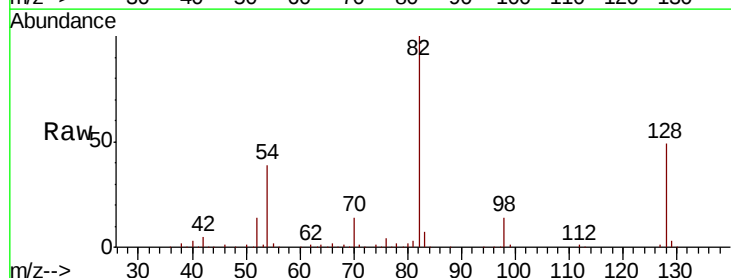
Tgt Ion: 82 Resp: 590926

Ion Ratio Lower Upper

82 100

128 48.8 37.9 56.9

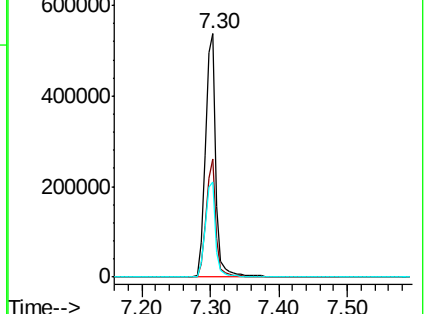
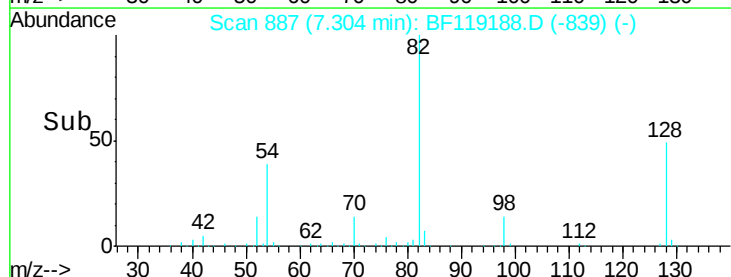
54 39.2 33.4 50.2



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: 34.198 ng

RT: 7.30 min Scan# 887

Delta R.T. -0.28 min

Lab File: BF119188.D

Acq: 4 Mar 2020 11:59

Instrument :

BNA_F

ClientSampleId :

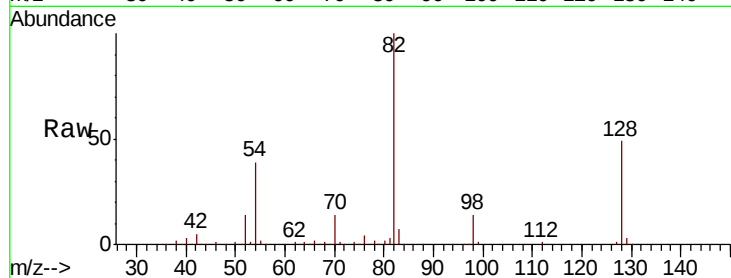
Tot Ion: 82 Resp: 580696

Ion Ratio Lower Upper

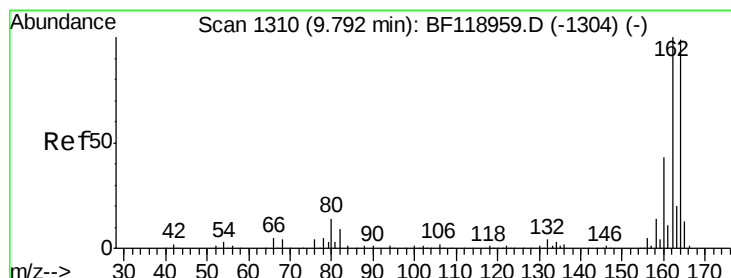
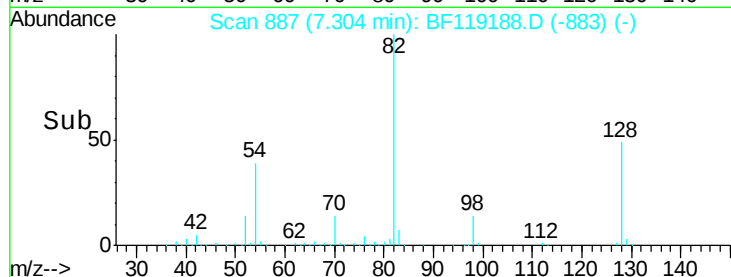
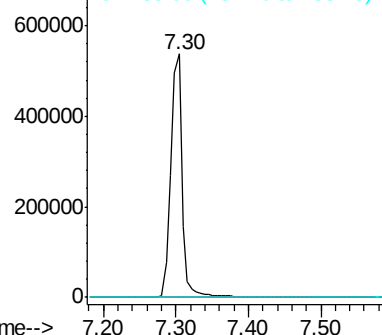
82 100

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: 9.77 min Scan# 1307

Delta R.T. -0.01 min

Lab File: BF119188.D

Acq: 4 Mar 2020 11:59

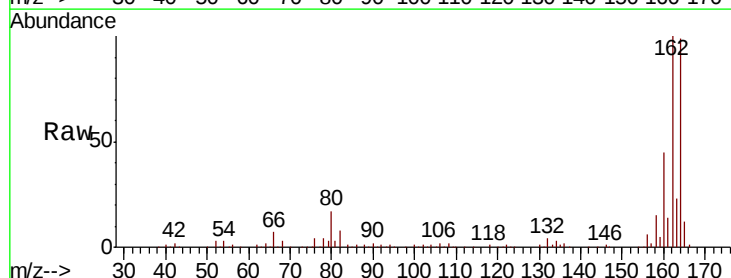
Tgt Ion: 164 Resp: 288264

Ion Ratio Lower Upper

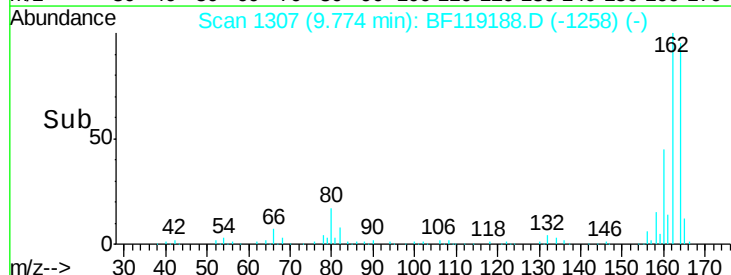
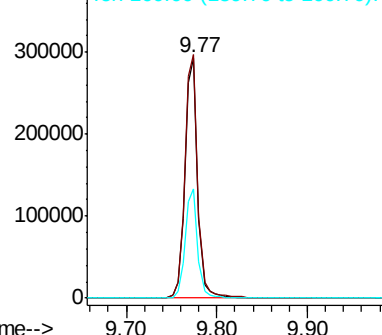
164 100

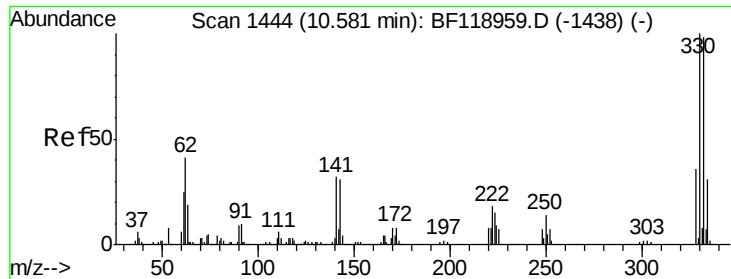
162 101.4 81.8 122.8

160 45.5 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

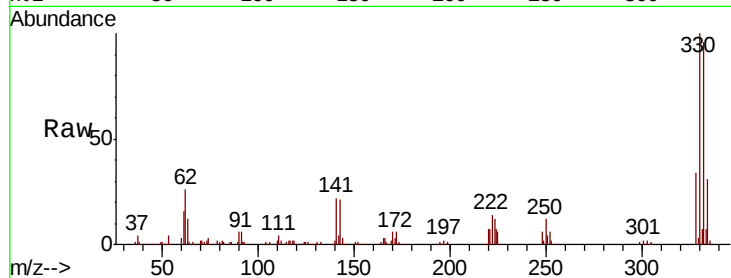




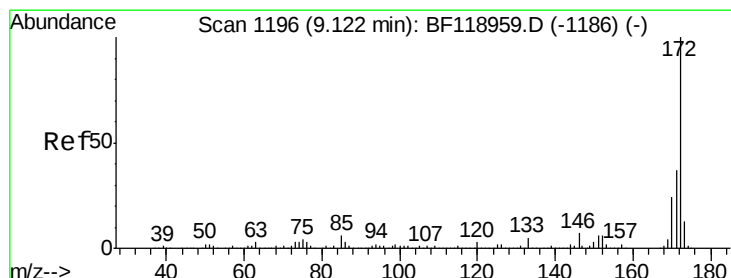
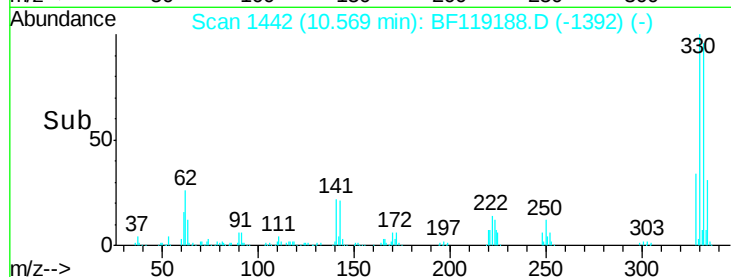
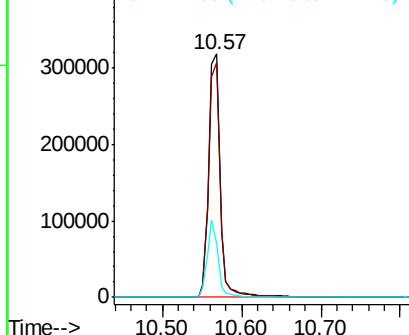
#42
 2,4,6-Tribromophenol
 Concen: 86.577 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. -0.01 min
 Lab File: BF119188.D
 Acq: 4 Mar 2020 11:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 326479
 Ion Ratio Lower Upper
 330 100
 332 95.7 76.0 114.0
 141 29.8 22.9 34.3

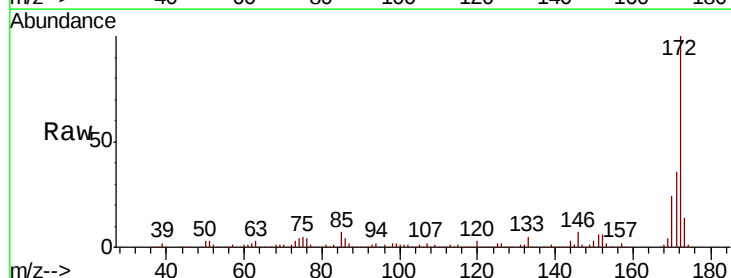


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

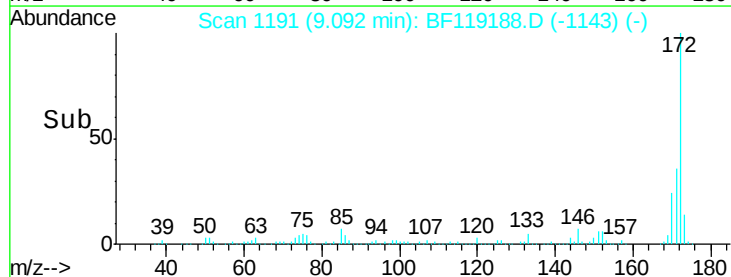
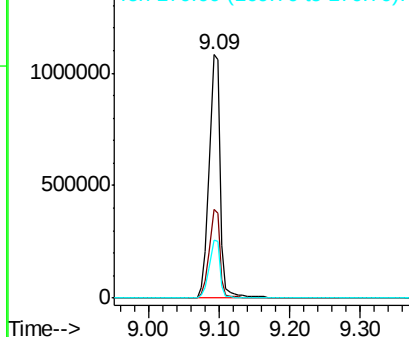


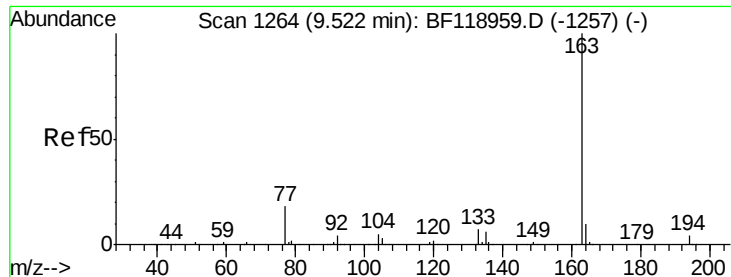
#45
 2-Fluorobiphenyl
 Concen: 61.142 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. -0.02 min
 Lab File: BF119188.D
 Acq: 4 Mar 2020 11:59

Tgt Ion:172 Resp: 1196391
 Ion Ratio Lower Upper
 172 100
 171 36.3 30.6 45.8
 170 23.8 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: 4.286 ng

RT: 9.49 min Scan# 1258

Delta R.T. -0.03 min

Lab File: BF119188.D

Acq: 4 Mar 2020 11:59

Instrument :

BNA_F

ClientSampleId :

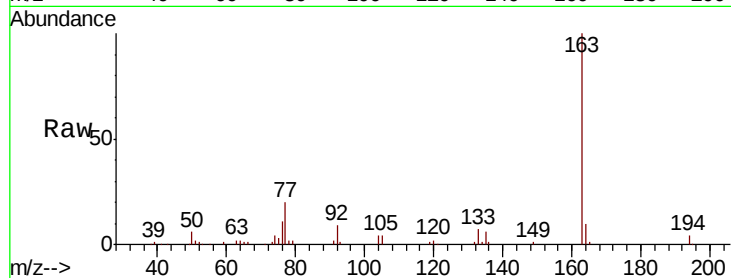
Tot Ion:163 Resp: 94469

Ion Ratio Lower Upper

163 100

194 3.9 3.5 5.3

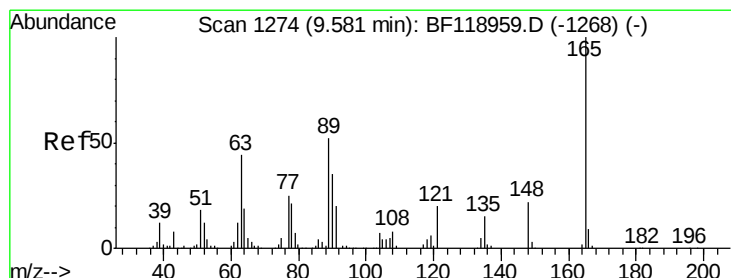
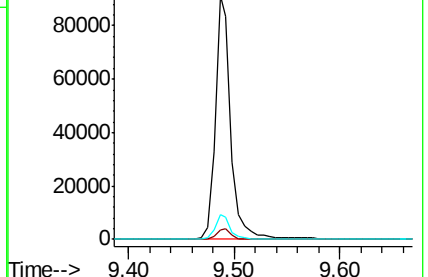
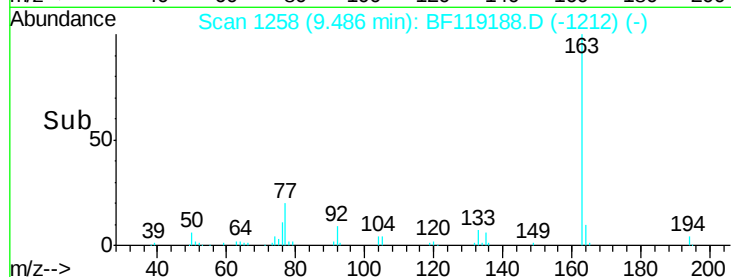
164 10.2 8.4 12.6



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: 7.384 ng

RT: 9.77 min Scan# 1307

Delta R.T. 0.19 min

Lab File: BF119188.D

Acq: 4 Mar 2020 11:59

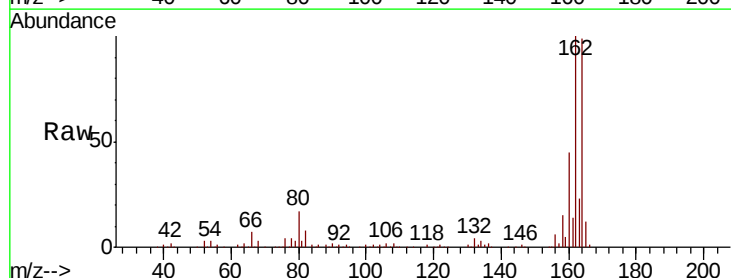
Tgt Ion:165 Resp: 36160

Ion Ratio Lower Upper

165 100

63 1.2 34.3 51.5#

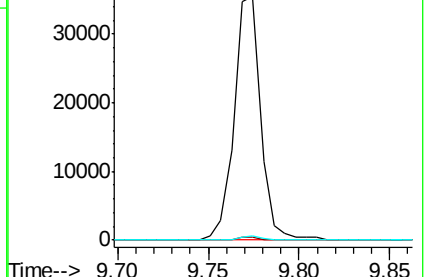
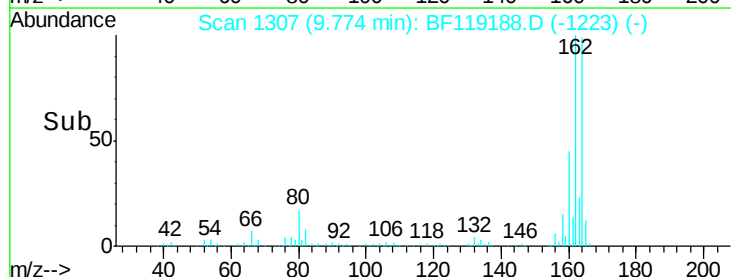
89 1.6 38.3 57.5#



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

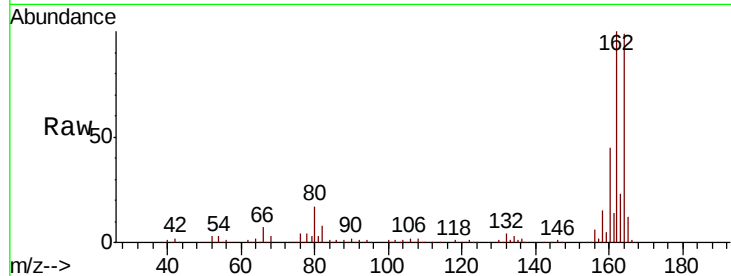




#57
 2,4-Dinitrotoluene
 Concen: 5.696 ng
 RT: 9.77 min Scan# 1307
 Delta R.T. -0.21 min
 Lab File: BF119188.D
 Acq: 4 Mar 2020 11:59

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#

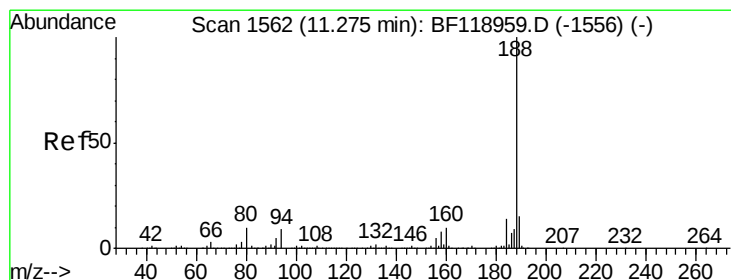
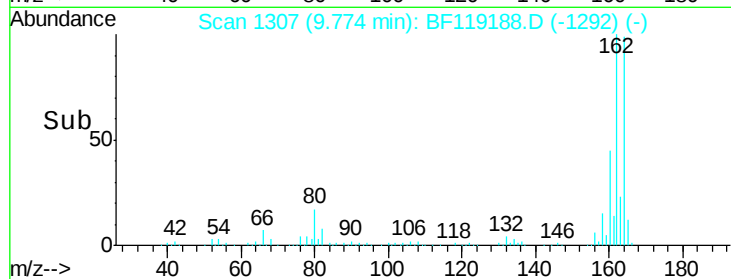
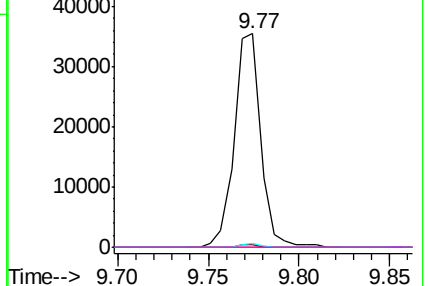


Abundance Ion 165.00 (164.70 to 165.70): E

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



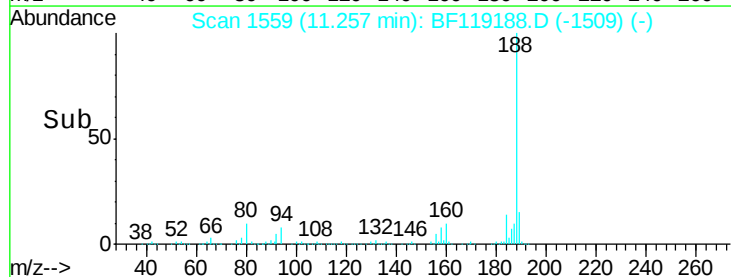
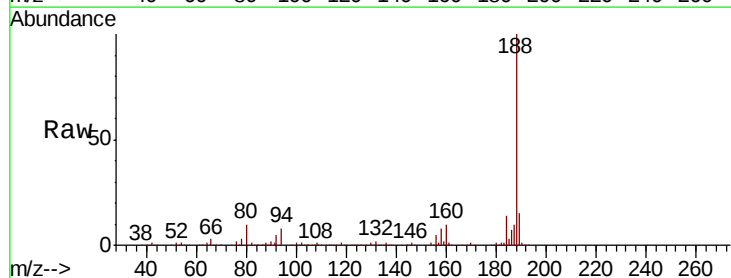
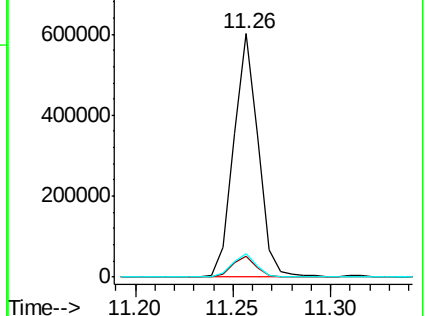
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.26 min Scan# 1559
 Delta R.T. -0.01 min
 Lab File: BF119188.D
 Acq: 4 Mar 2020 11:59

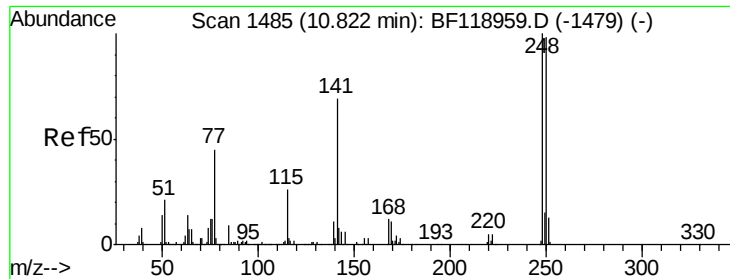
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.4	7.1	10.7
80	9.6	7.8	11.8

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

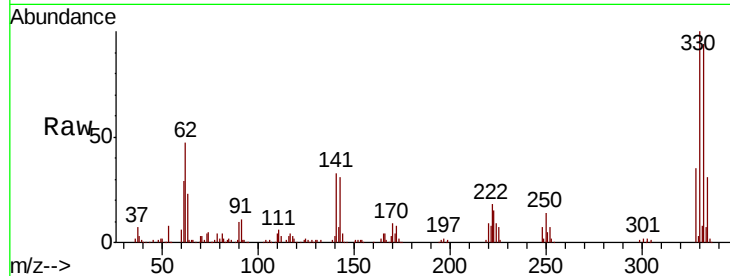




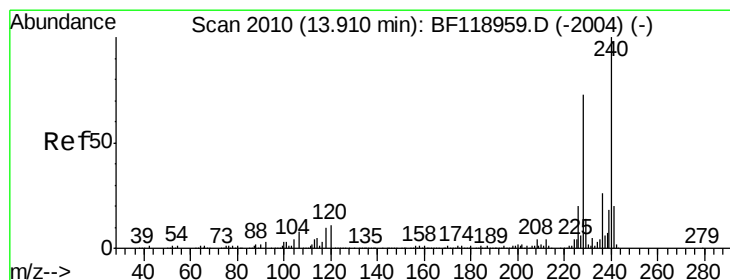
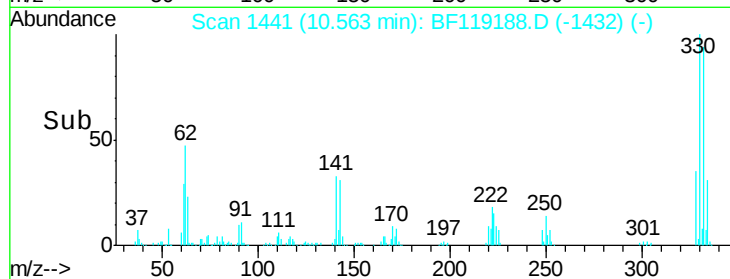
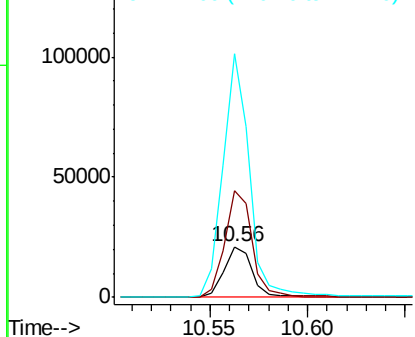
#67
4-Bromophenyl-phenylether
Concen: 3.066 ng
RT: 10.56 min Scan# 1441
Delta R.T. -0.25 min
Lab File: BF119188.D
Acq: 4 Mar 2020 11:59

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 21062
Ion Ratio Lower Upper
248 100
250 208.9 76.7 115.1#
141 478.6 60.7 91.1#

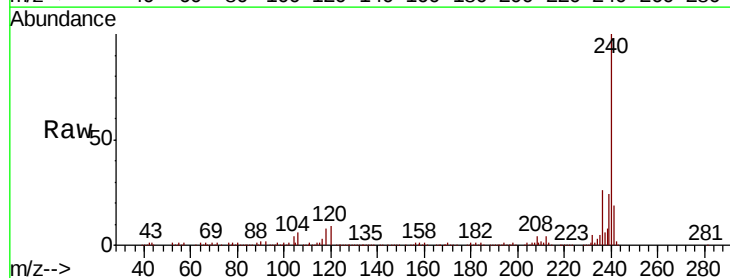


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

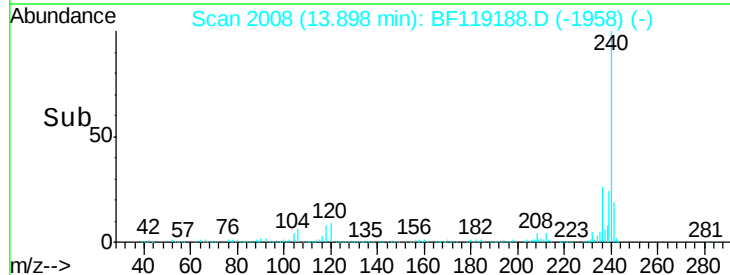
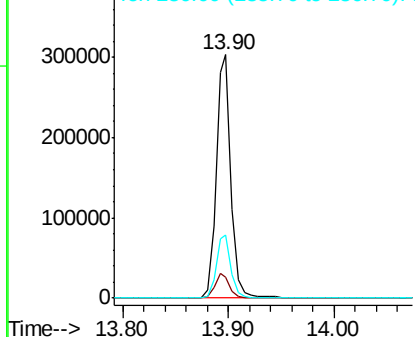


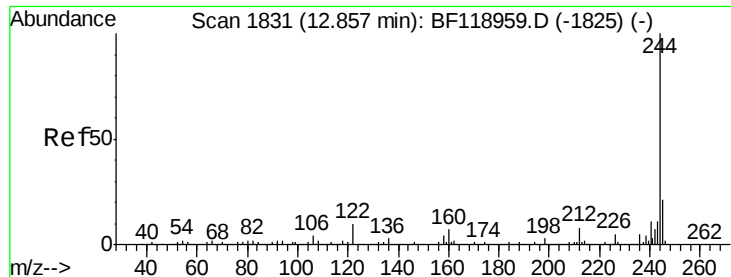
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.90 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BF119188.D
Acq: 4 Mar 2020 11:59

Tgt Ion:240 Resp: 298185
Ion Ratio Lower Upper
240 100
120 8.7 8.4 12.6
236 26.0 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

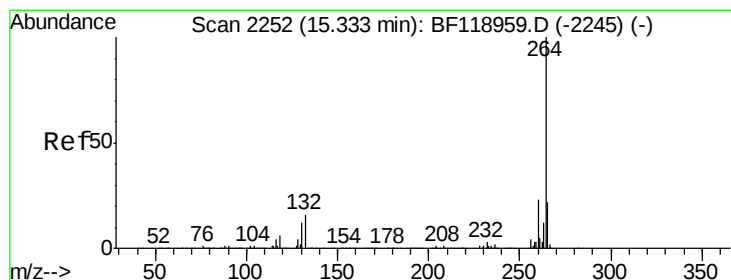
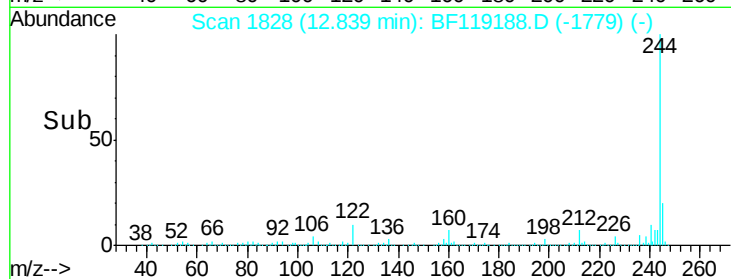
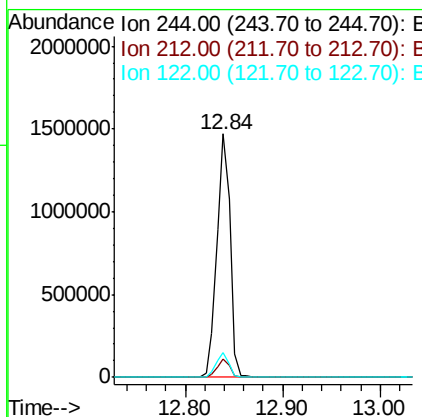
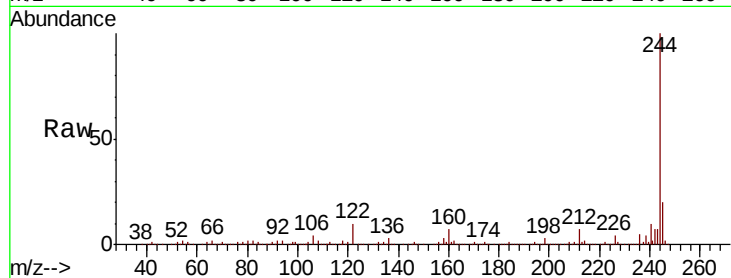




#79
 Terphenyl-d14
 Concen: 79.975 ng
 RT: 12.84 min Scan# 1828
 Delta R.T. -0.01 min
 Lab File: BF119188.D
 Acq: 4 Mar 2020 11:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1385124
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.6 10.0
 122 10.4 8.2 12.2



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.33 min Scan# 2251
 Delta R.T. 0.01 min
 Lab File: BF119188.D
 Acq: 4 Mar 2020 11:59

Tgt Ion:264 Resp: 267193
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.4 29.2
 265 21.7 17.7 26.5

