

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061920\
 Data File : BF120673.D
 Acq On : 19 Jun 2020 19:45
 Operator : JU/CG
 Sample : L3035-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 1-UNIVERSITY-SW-5

Quant Time: Jun 20 00:48:13 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 11 11:28:22 2020
 Response via : Initial Calibration

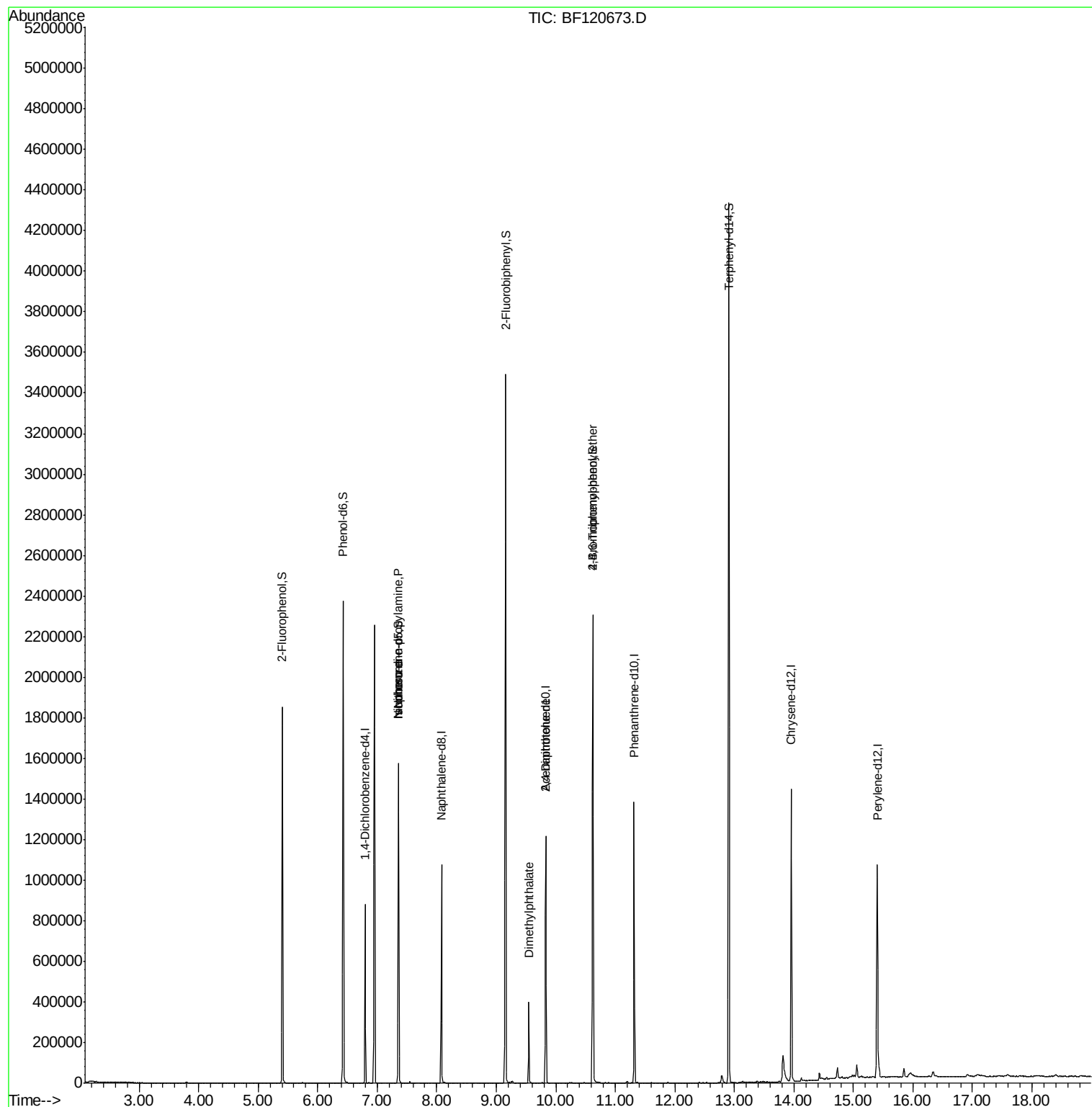
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	130611	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	508824	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	230397	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	562565	20.00	ng	0.00
76) Chrysene-d12	13.96	240	487400	20.00	ng	0.00
86) Perylene-d12	15.40	264	491949	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	566166	74.32	ng	0.00
7) Phenol-d6	6.43	99	886876	93.47	ng	-0.01
23) Nitrobenzene-d5	7.36	82	528899	58.10	ng	-0.01
42) 2,4,6-Tribromophenol	10.62	330	287612	107.37	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	1066621	70.83	ng	0.00
79) Terphenyl-d14	12.91	244	1621953	73.51	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.36	70	69270	12.586	ng	# 78
25) Isophorone	7.36	82	526272	29.679	ng	# 62
50) Dimethylphthalate	9.55	163	164361	9.905	ng	99
57) 2,4-Dinitrotoluene	9.83	165	29733	5.959	ng	# 29
67) 4-Bromophenyl-phenylether	10.62	248	16842	2.638	ng	# 1

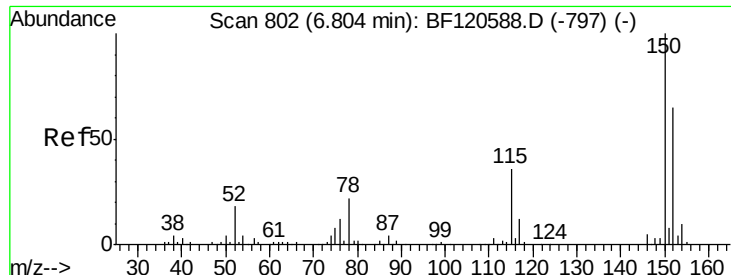
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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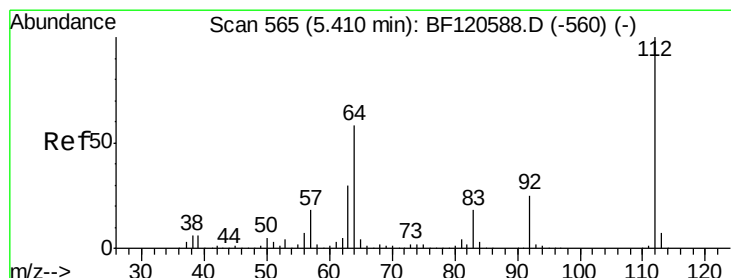
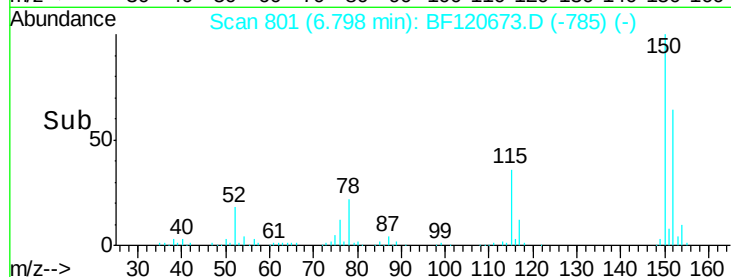
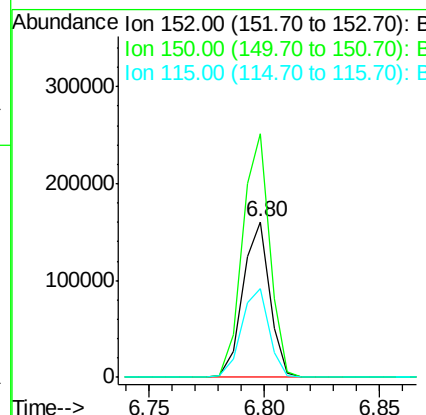
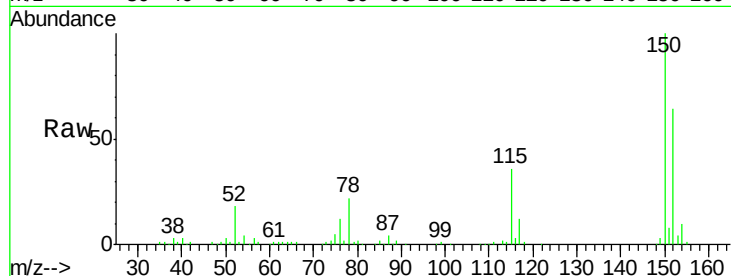




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.80 min Scan# 801
 Delta R.T. -0.01 min
 Lab File: BF120673.D
 Acq: 19 Jun 2020 19:45

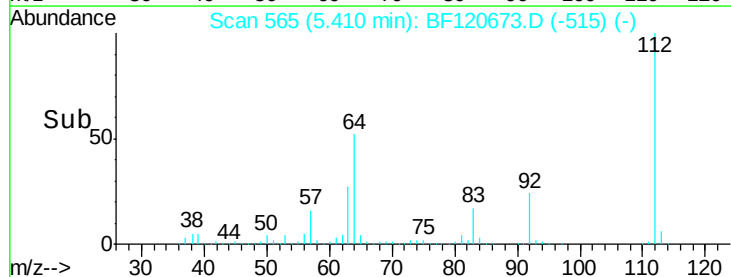
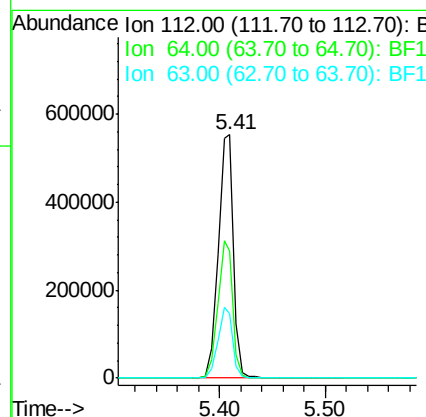
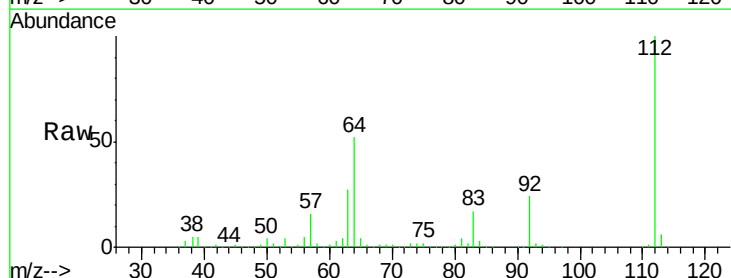
Instrument :
 BNA_F
 ClientSampleId :
 1-UNIVERSITY-SW-5

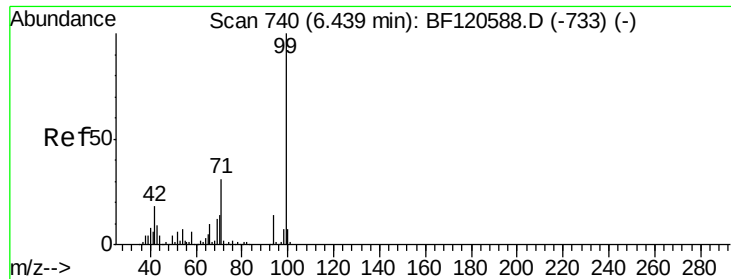
Tot Ion:152 Resp: 130611
 Ion Ratio Lower Upper
 152 100
 150 156.7 123.2 184.8
 115 56.9 43.9 65.9



#5
 2-Fluorophenol
 Concen: 74.317 ng
 RT: 5.41 min Scan# 565
 Delta R.T. -0.01 min
 Lab File: BF120673.D
 Acq: 19 Jun 2020 19:45

Tgt Ion:112 Resp: 566166
 Ion Ratio Lower Upper
 112 100
 64 52.1 46.1 69.1
 63 26.6 23.7 35.5





#7

Phenol-d6

Concen: 93.469 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF120673.D

Acq: 19 Jun 2020 19:45

Instrument :

BNA_F

ClientSampleId :

1-UNIVERSITY-SW-5

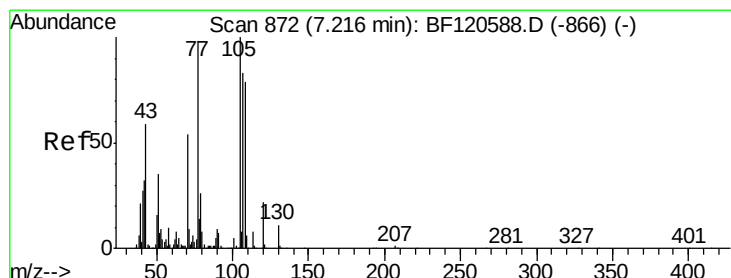
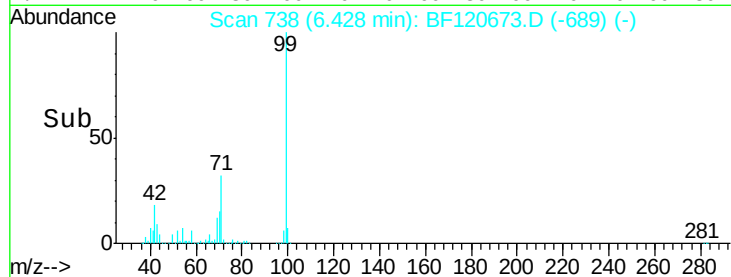
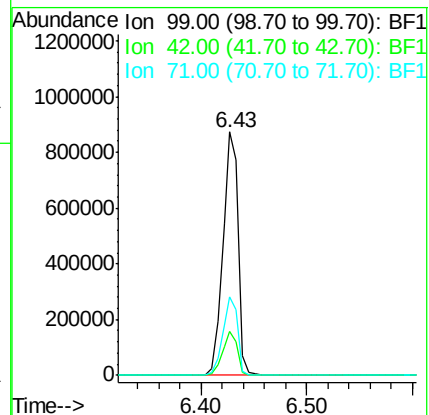
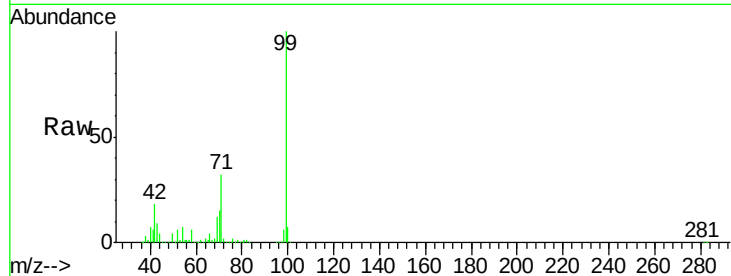
Tot Ion: 99 Resp: 886876

Ion Ratio Lower Upper

99 100

42 18.1 14.0 21.0

71 32.5 24.9 37.3



#19

n-Nitroso-di-n-propylamine

Concen: 12.586 ng

RT: 7.36 min Scan# 896

Delta R.T. 0.14 min

Lab File: BF120673.D

Acq: 19 Jun 2020 19:45

Tgt Ion: 70 Resp: 69270

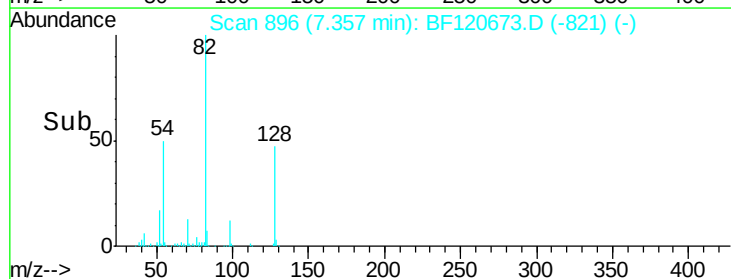
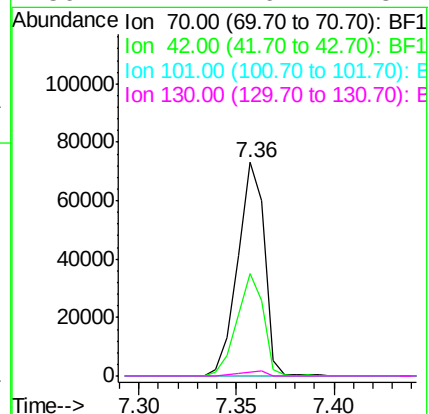
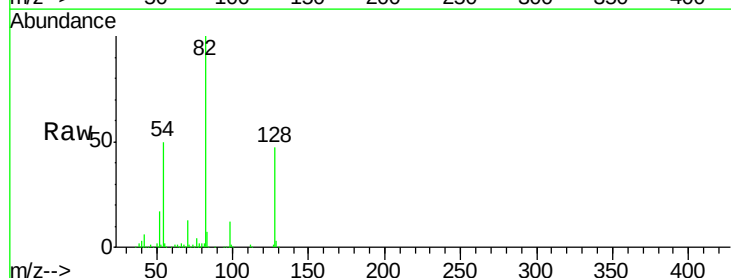
Ion Ratio Lower Upper

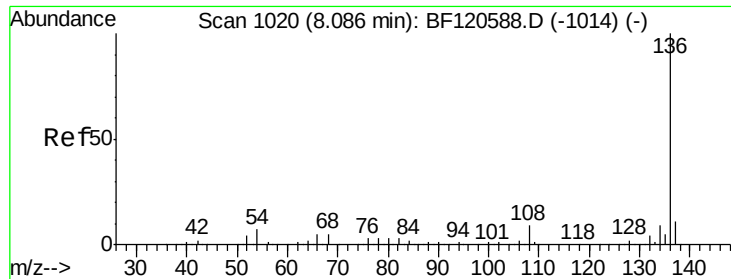
70 100

42 48.0 47.7 71.5

101 0.0 7.6 11.4#

130 2.1 16.7 25.1#

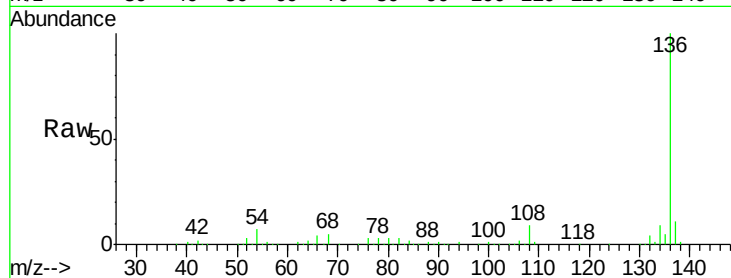




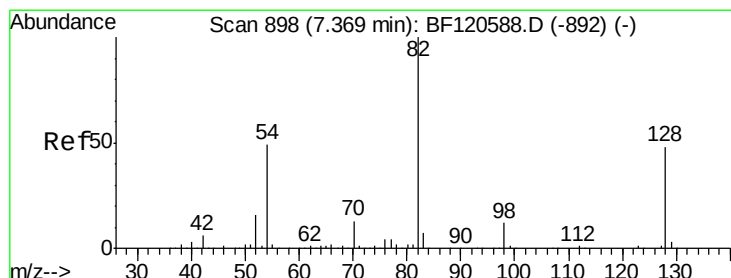
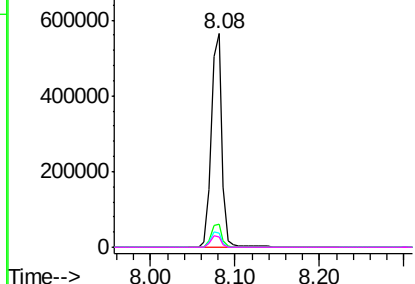
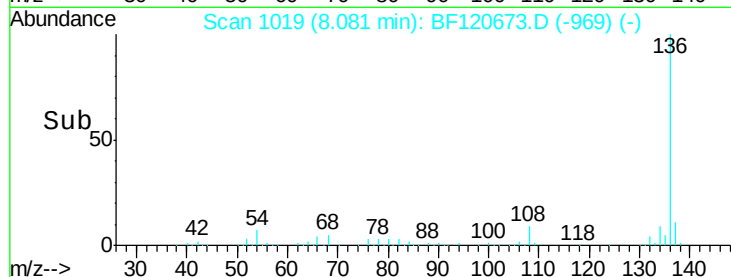
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BF120673.D
Acq: 19 Jun 2020 19:45

Instrument :
BNA_F
ClientSampleId :
1-UNIVERSITY-SW-5

Tot Ion:136	Resp:	508824
Ion	Ratio	Lower Upper
136	100	
137	10.8	8.6 13.0
54	6.6	5.8 8.6
68	5.0	4.4 6.6

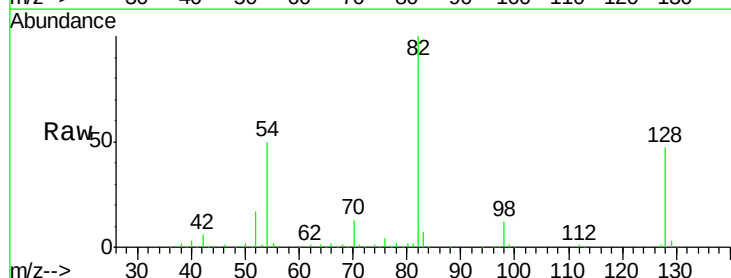


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

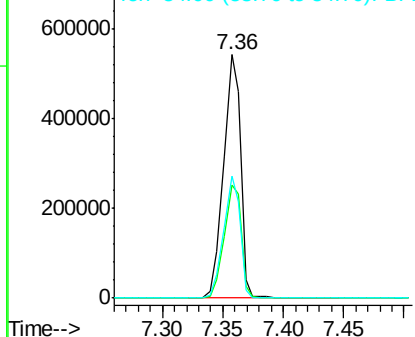
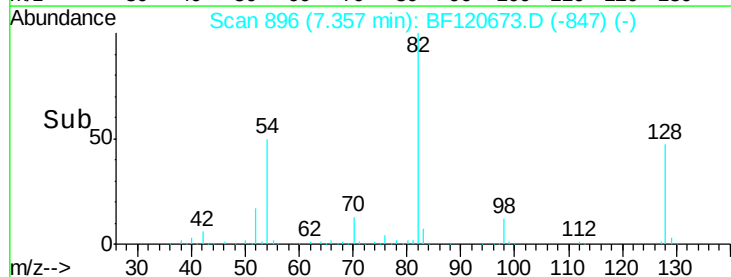


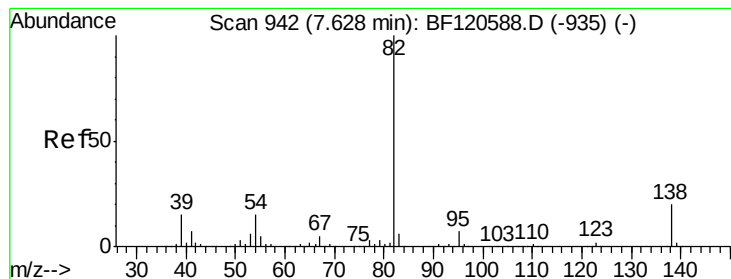
#23
Nitrobenzene-d5
Concen: 58.102 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF120673.D
Acq: 19 Jun 2020 19:45

Tgt Ion: 82	Resp:	528899
Ion	Ratio	Lower Upper
82	100	
128	46.7	38.0 57.0
54	49.9	38.8 58.2



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: 29.679 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.27 min

Lab File: BF120673.D

Acq: 19 Jun 2020 19:45

Instrument :

BNA_F

ClientSampleId :

1-UNIVERSITY-SW-5

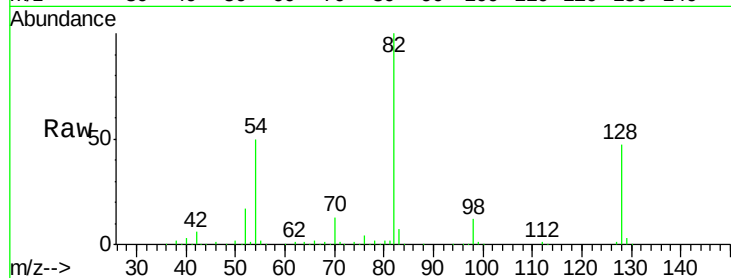
Tot Ion: 82 Resp: 526272

Ion Ratio Lower Upper

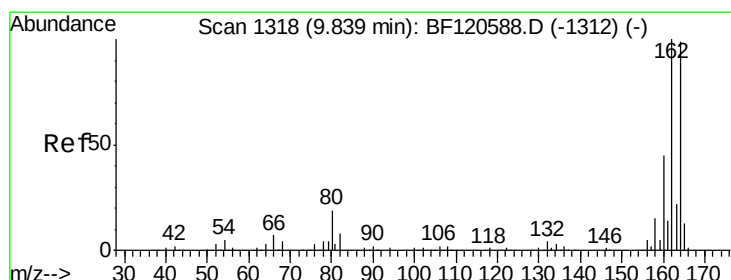
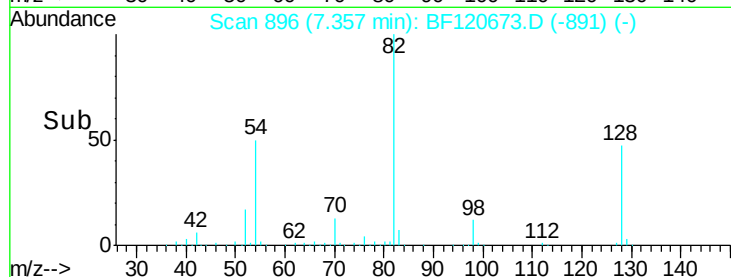
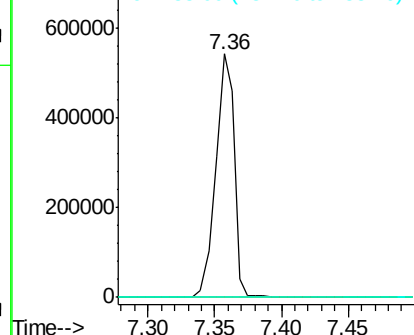
82 100

95 0.0 5.7 8.5#

138 0.0 16.2 24.4#



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: 9.83 min Scan# 1317

Delta R.T. -0.01 min

Lab File: BF120673.D

Acq: 19 Jun 2020 19:45

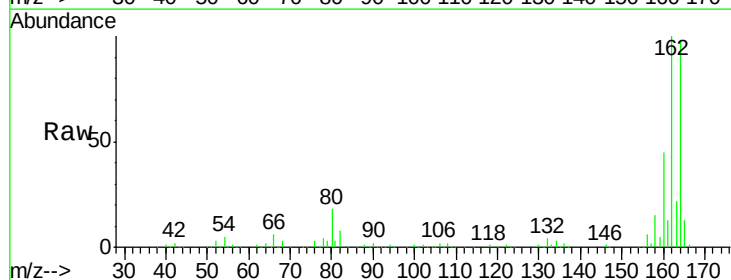
Tgt Ion: 164 Resp: 230397

Ion Ratio Lower Upper

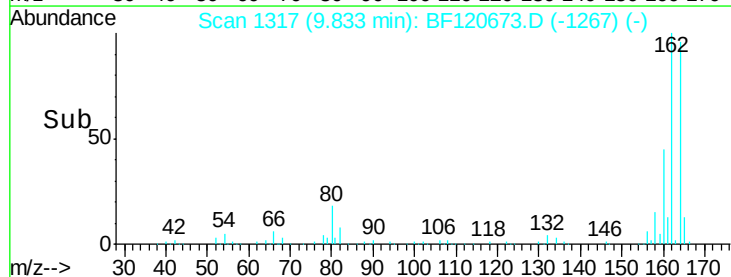
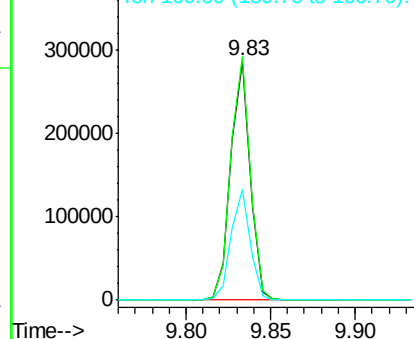
164 100

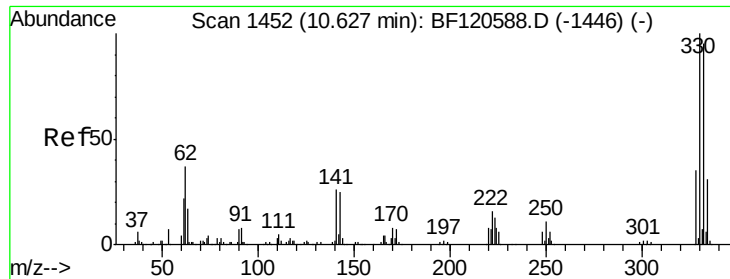
162 101.9 80.6 120.8

160 46.0 36.2 54.2



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

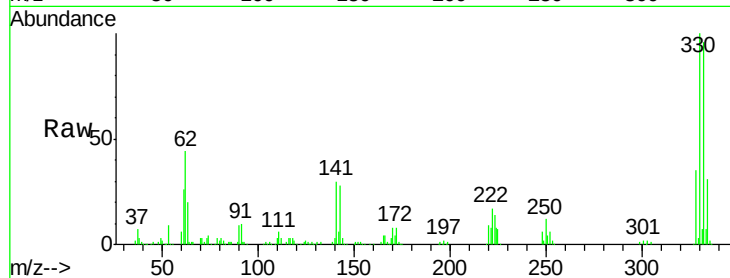




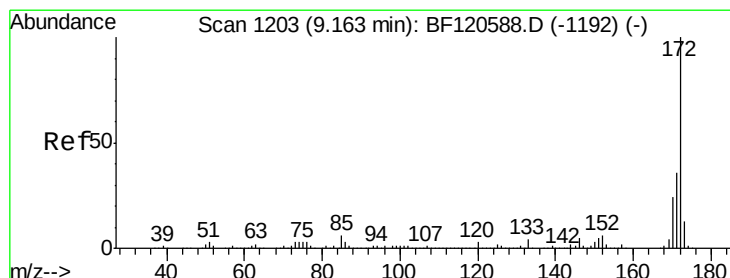
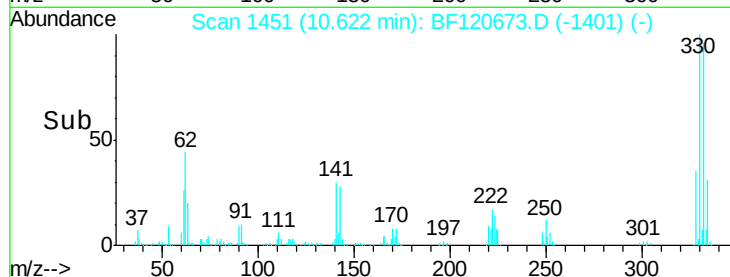
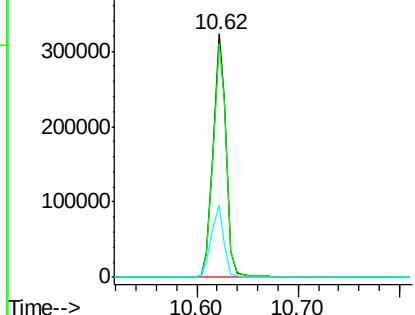
#42
 2,4,6-Tribromophenol
 Concen: 107.371 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.01 min
 Lab File: BF120673.D
 Acq: 19 Jun 2020 19:45

Instrument :
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 1-UNIVERSITY-SW-5

Tot Ion:330 Resp: 287612
 Ion Ratio Lower Upper
 330 100
 332 97.4 76.8 115.2
 141 29.4 23.2 34.8

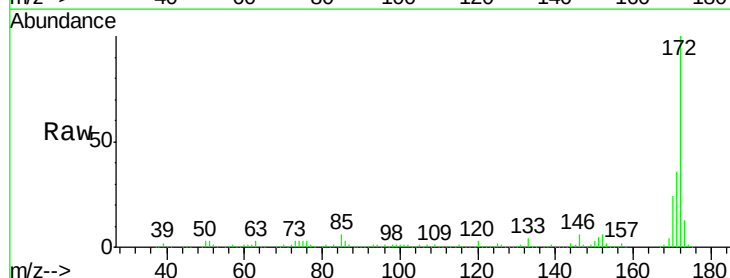


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

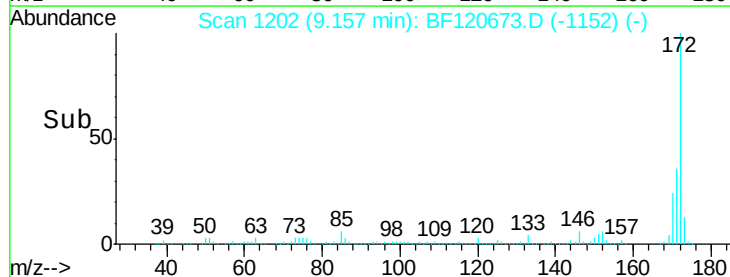
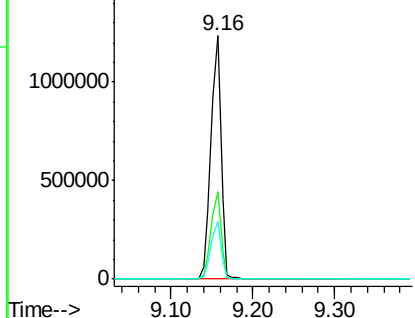


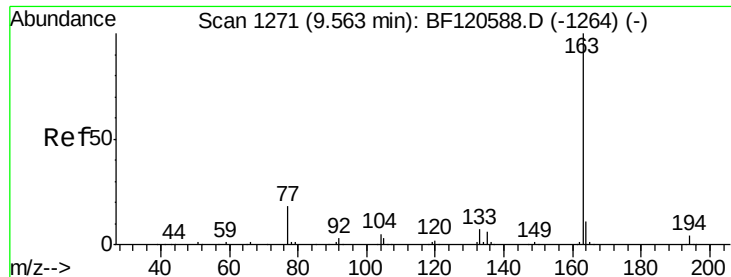
#45
 2-Fluorobiphenyl
 Concen: 70.831 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF120673.D
 Acq: 19 Jun 2020 19:45

Tgt Ion:172 Resp: 1066621
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.0 43.4
 170 24.0 19.4 29.2



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: 9.905 ng

RT: 9.55 min Scan# 1268

Delta R.T. -0.02 min

Lab File: BF120673.D

Acq: 19 Jun 2020 19:45

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ClientSampleId :

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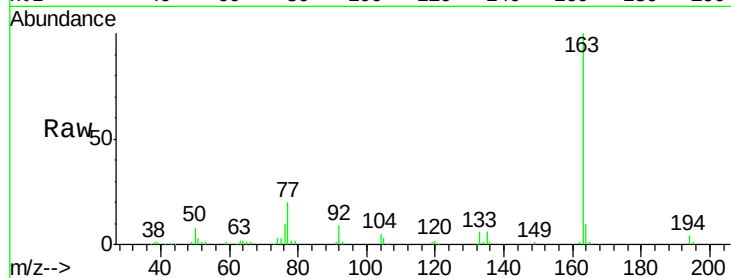
Tot Ion:163 Resp: 164361

Ion Ratio Lower Upper

163 100

194 3.7 3.1 4.7

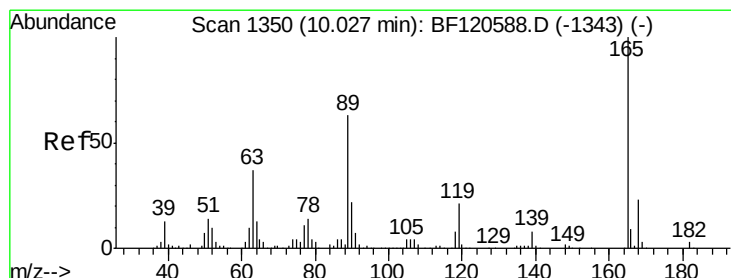
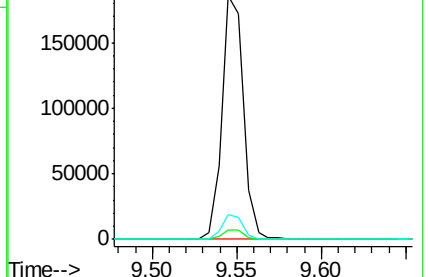
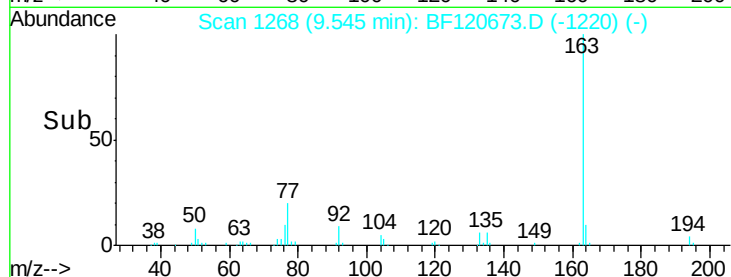
164 10.1 8.5 12.7



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



#57

2,4-Dinitrotoluene

Concen: 5.959 ng

RT: 9.83 min Scan# 1317

Delta R.T. -0.19 min

Lab File: BF120673.D

Acq: 19 Jun 2020 19:45

Tgt Ion:165 Resp: 29733

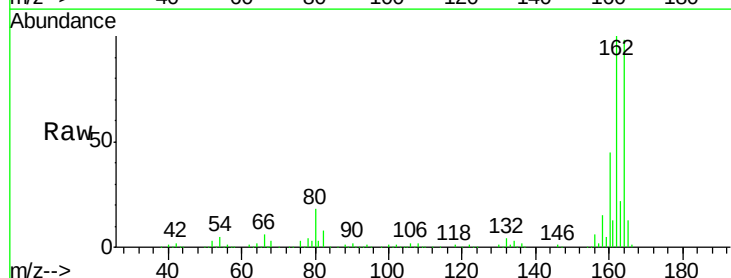
Ion Ratio Lower Upper

165 100

63 0.8 29.8 44.8#

89 0.9 50.4 75.6#

182 0.0 2.1 3.1#

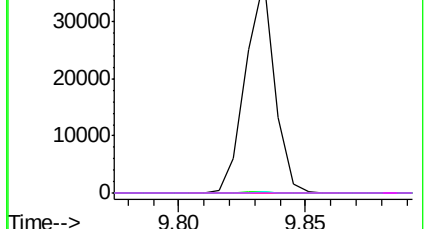
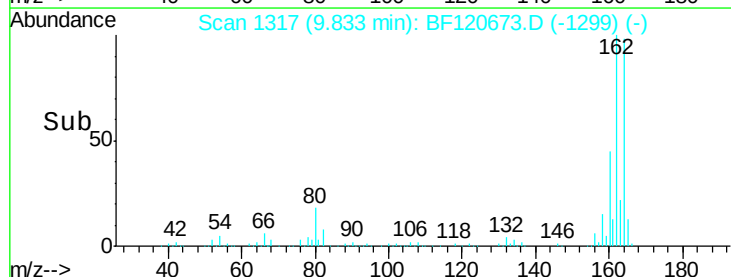


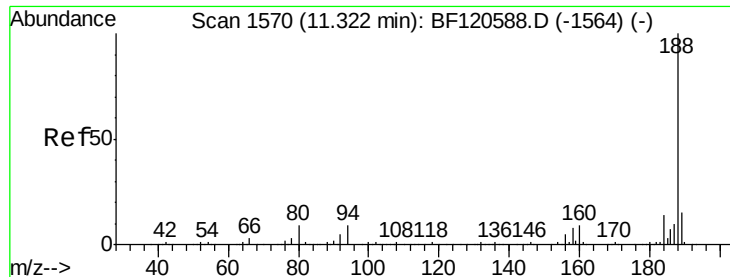
Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.32 min Scan# 1570

Delta R.T. 0.00 min

Lab File: BF120673.D

Acq: 19 Jun 2020 19:45

Instrument :

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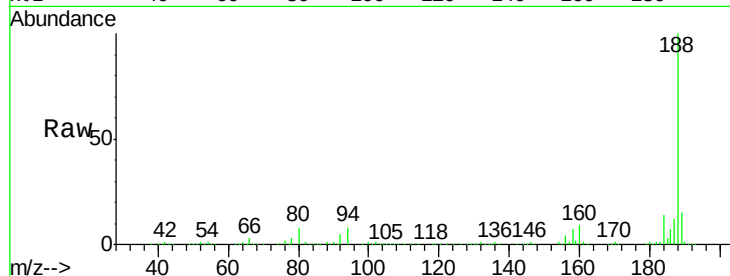
Tot Ion:188 Resp: 562565

Ion Ratio Lower Upper

188 100

94 8.3 7.2 10.8

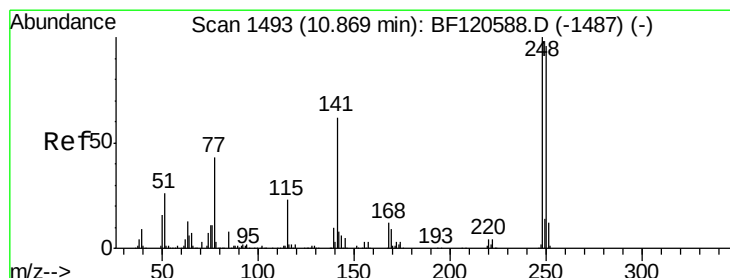
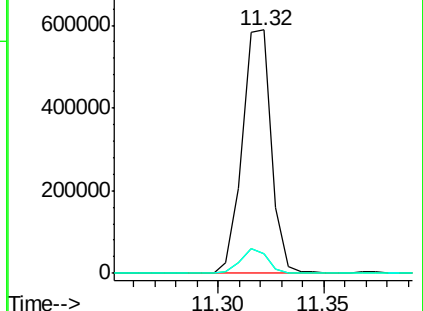
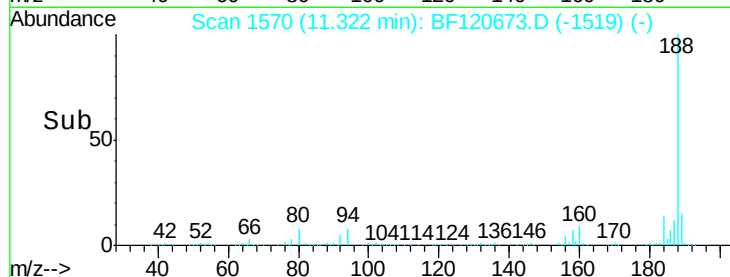
80 8.1 7.4 11.2



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: 2.638 ng

RT: 10.62 min Scan# 1451

Delta R.T. -0.25 min

Lab File: BF120673.D

Acq: 19 Jun 2020 19:45

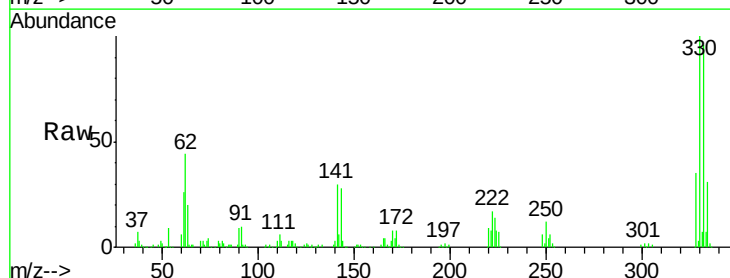
Tgt Ion:248 Resp: 16842

Ion Ratio Lower Upper

248 100

250 197.9 76.7 115.1#

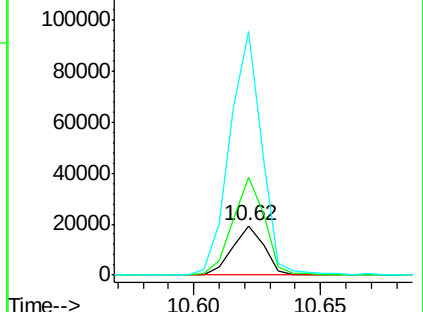
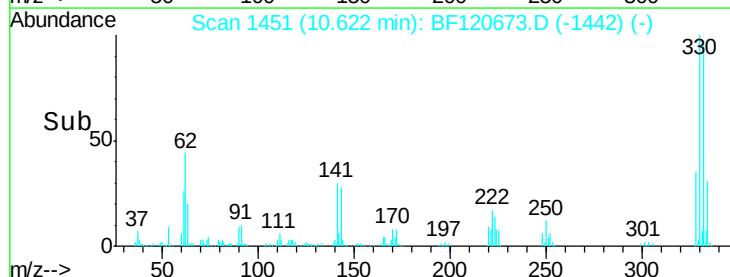
141 494.5 49.4 74.0#

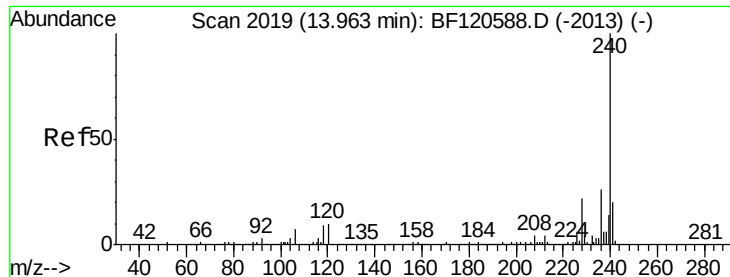


Abundance Ion 248.00 (247.70 to 248.70): E

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: 13.96 min Scan# 2018

Delta R.T. -0.01 min

Lab File: BF120673.D

Acq: 19 Jun 2020 19:45

Instrument :

BNA_F

ClientSampleId :

1-UNIVERSITY-SW-5

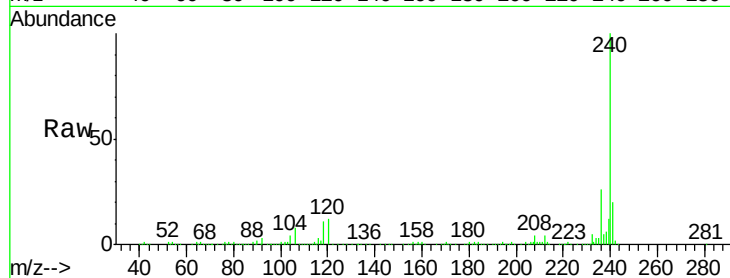
Tot Ion:240 Resp: 487400

Ion Ratio Lower Upper

240 100

120 11.9 8.3 12.5

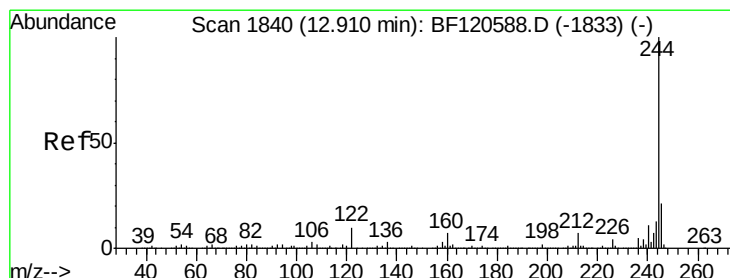
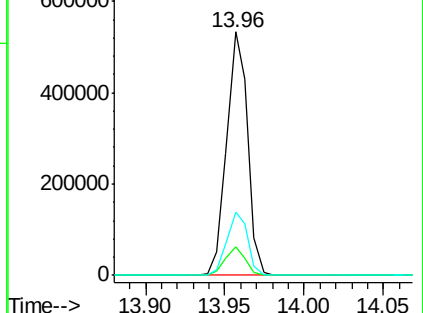
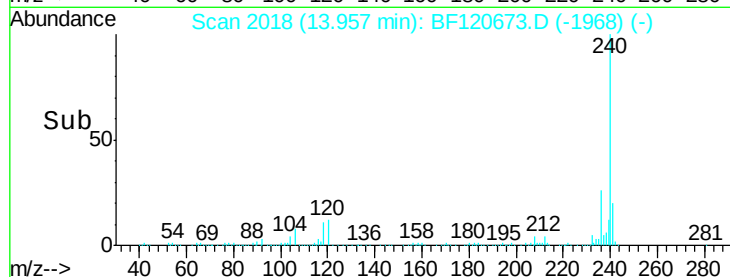
236 26.0 21.0 31.4



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: 73.506 ng

RT: 12.91 min Scan# 1840

Delta R.T. 0.00 min

Lab File: BF120673.D

Acq: 19 Jun 2020 19:45

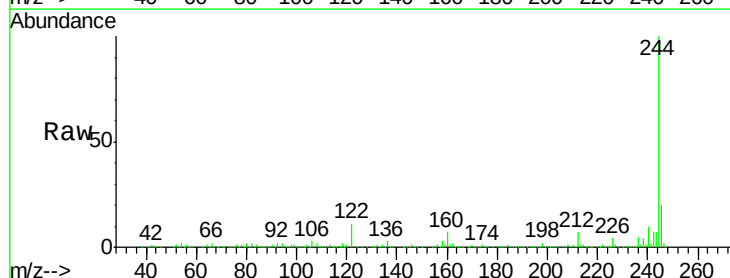
Tgt Ion:244 Resp: 1621953

Ion Ratio Lower Upper

244 100

212 6.8 5.7 8.5

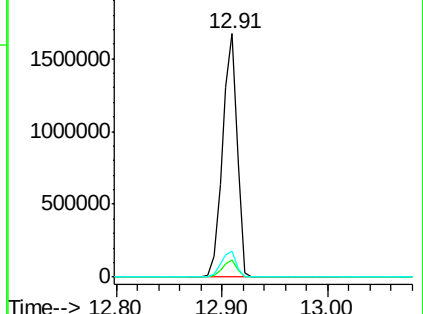
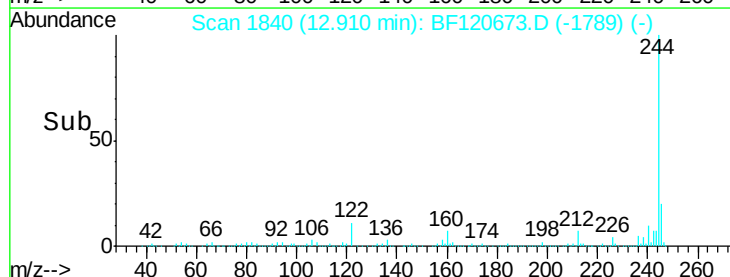
122 10.7 8.3 12.5

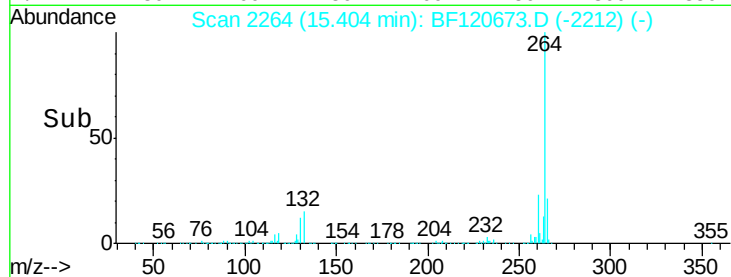
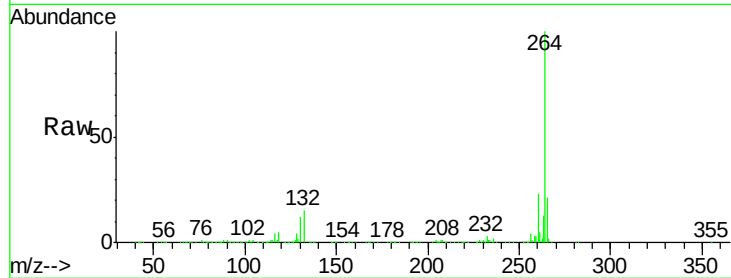
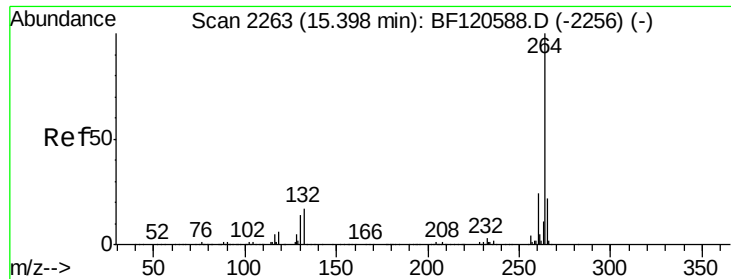


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.40 min Scan# 2264
Delta R.T. 0.01 min
Lab File: BF120673.D
Acq: 19 Jun 2020 19:45

Instrument :
BNA_F
ClientSampleId :
1-UNIVERSITY-SW-5

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.3	28.9
265	21.5	17.8	26.8

