

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062620\
 Data File : BF120719.D
 Acq On : 26 Jun 2020 20:02
 Operator : JU/CG
 Sample : L3113-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-COMP

Quant Time: Jun 27 00:47:34 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

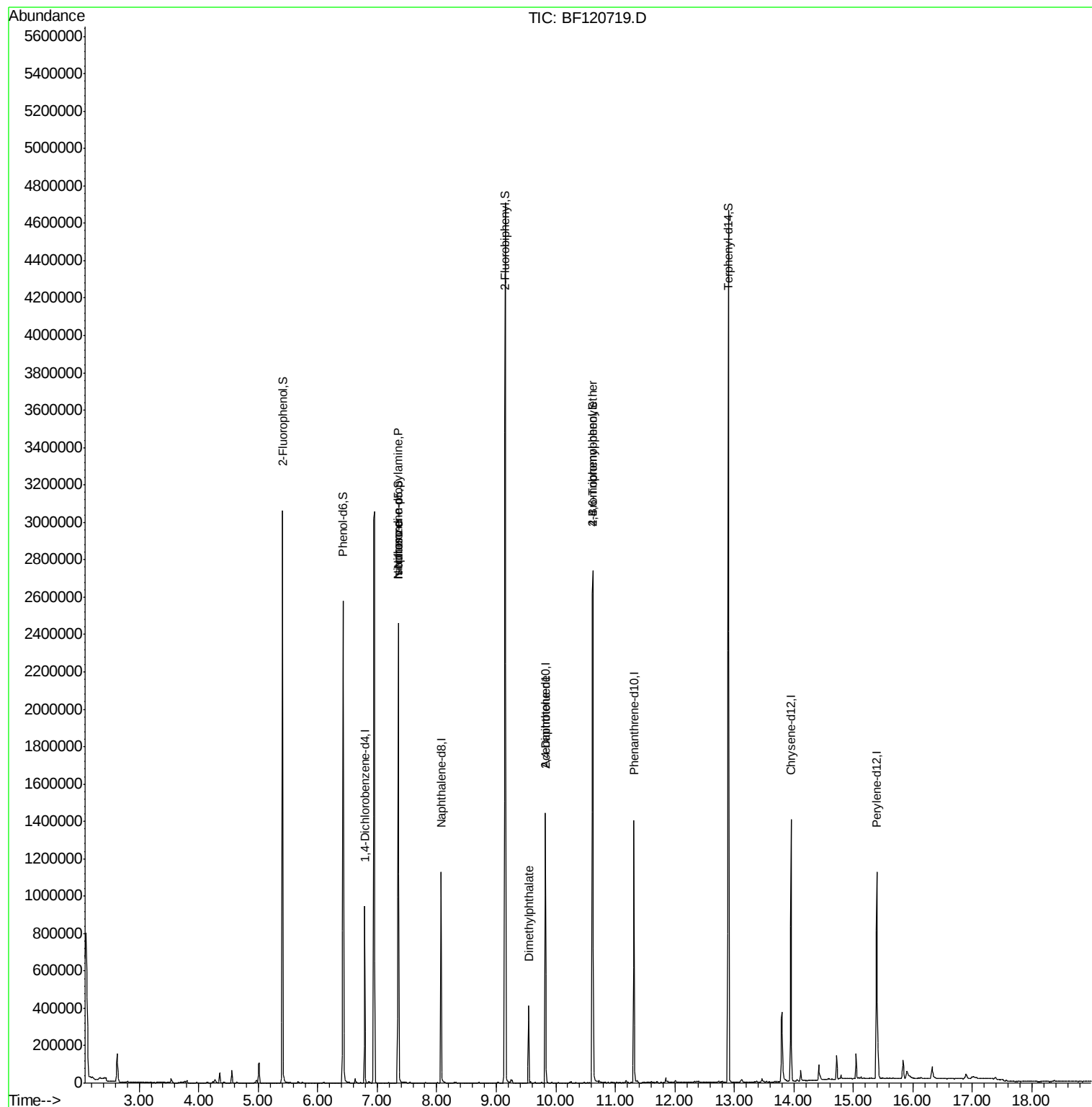
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	144173	20.00	ng	-0.01
21) Naphthalene-d8	8.07	136	534440	20.00	ng	-0.01
39) Acenaphthene-d10	9.83	164	279321	20.00	ng	-0.01
64) Phenanthrene-d10	11.31	188	556567	20.00	ng	-0.01
76) Chrysene-d12	13.95	240	494177	20.00	ng	-0.01
86) Perylene-d12	15.39	264	510740	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	917008	109.05	ng	0.00
7) Phenol-d6	6.43	99	1021030	97.48	ng	-0.01
23) Nitrobenzene-d5	7.36	82	842096	88.07	ng	-0.01
42) 2,4,6-Tribromophenol	10.62	330	427099	131.52	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	1565921	85.77	ng	-0.01
79) Terphenyl-d14	12.90	244	1974340	88.25	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.36	70	110131	18.127	ng	# 77
25) Isophorone	7.36	82	838042	44.996	ng	# 62
50) Dimethylphthalate	9.55	163	180006	8.948	ng	99
57) 2,4-Dinitrotoluene	9.83	165	35676	5.897	ng	# 29
67) 4-Bromophenyl-phenylether	10.62	248	24656	3.903	ng	# 1

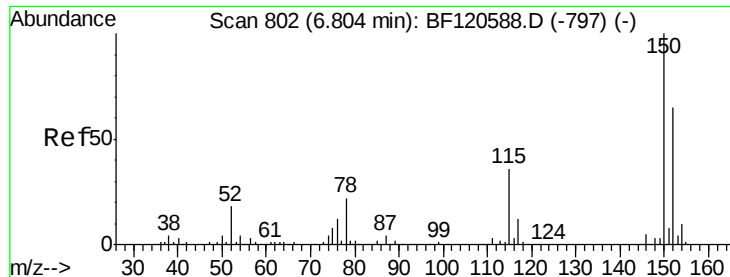
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.79 min Scan# 800

Delta R.T. -0.01 min

Lab File: BF120719.D

Acq: 26 Jun 2020 20:02

Instrument :

BNA_F

ClientSampleId :

DRUM-COMP

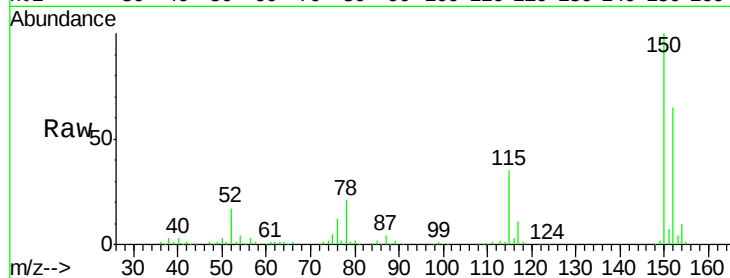
Tot Ion:152 Resp: 144173

Ion Ratio Lower Upper

152 100

150 154.7 123.2 184.8

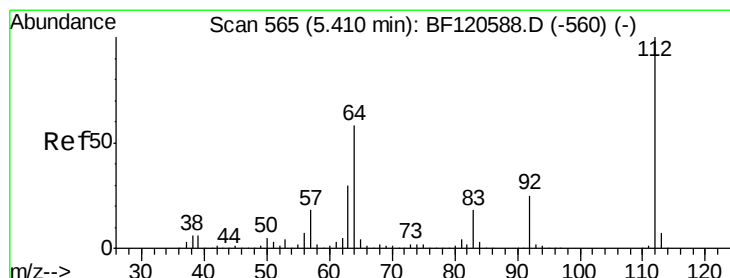
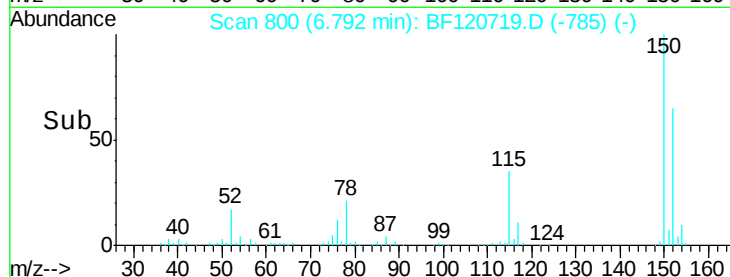
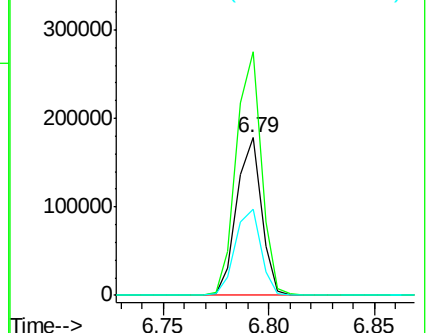
115 54.5 43.9 65.9



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: 109.047 ng

RT: 5.41 min Scan# 565

Delta R.T. -0.01 min

Lab File: BF120719.D

Acq: 26 Jun 2020 20:02

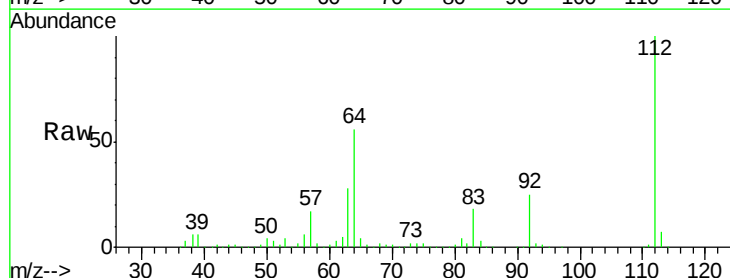
Tgt Ion:112 Resp: 917008

Ion Ratio Lower Upper

112 100

64 55.6 46.1 69.1

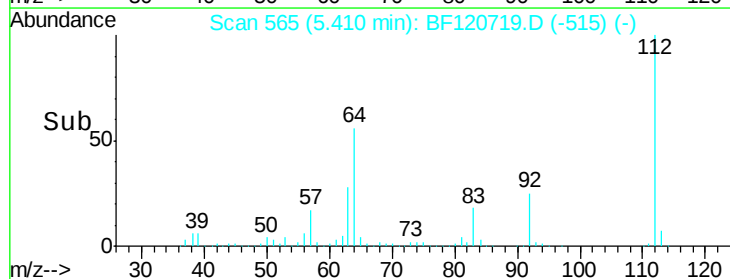
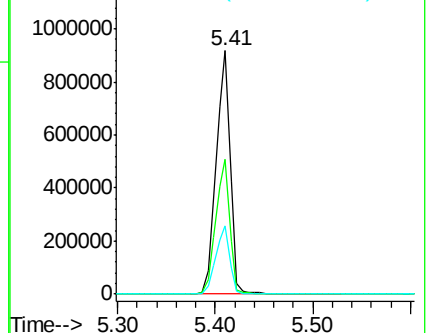
63 28.3 23.7 35.5

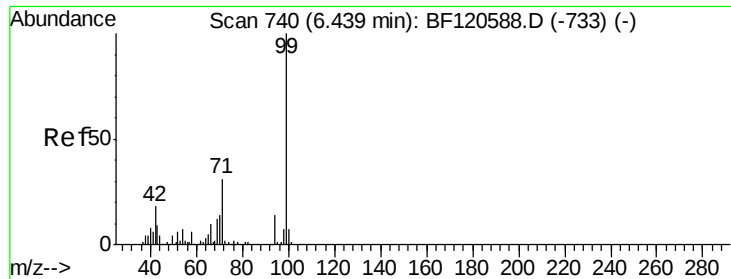


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 97.485 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF120719.D

Acq: 26 Jun 2020 20:02

Instrument :

BNA_F

ClientSampleId :

DRUM-COMP

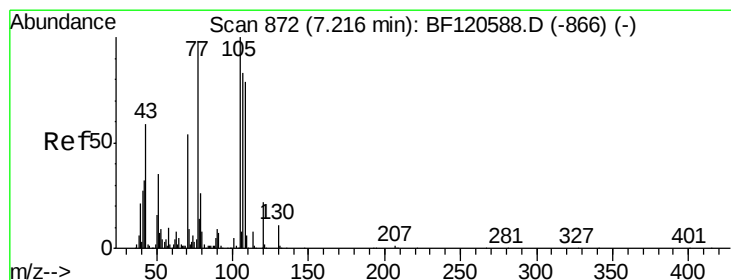
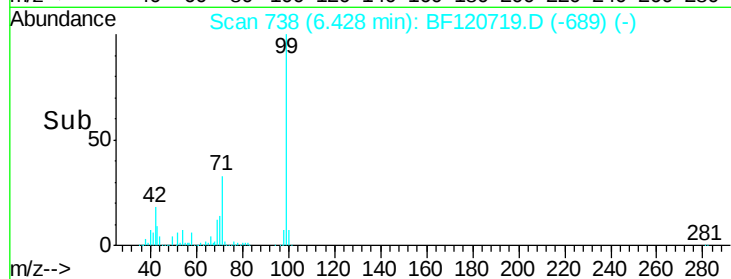
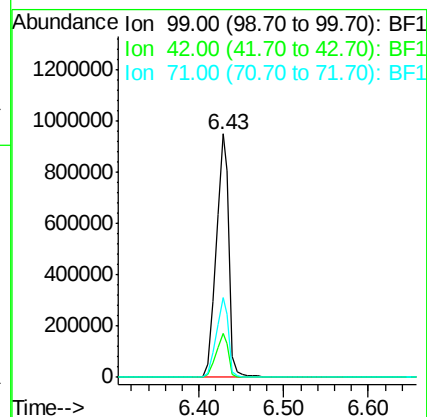
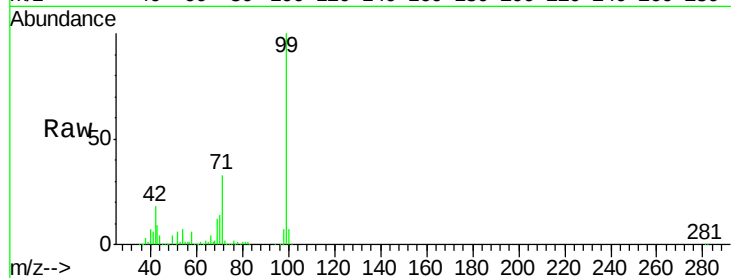
Tot Ion: 99 Resp: 1021030

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: 18.127 ng

RT: 7.36 min Scan# 896

Delta R.T. 0.14 min

Lab File: BF120719.D

Acq: 26 Jun 2020 20:02

Tgt Ion: 70 Resp: 110131

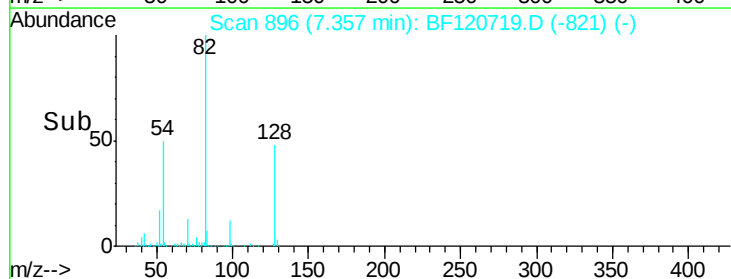
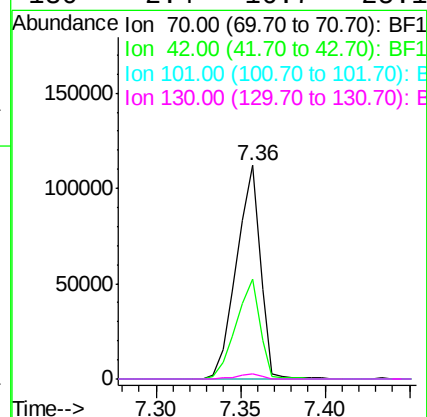
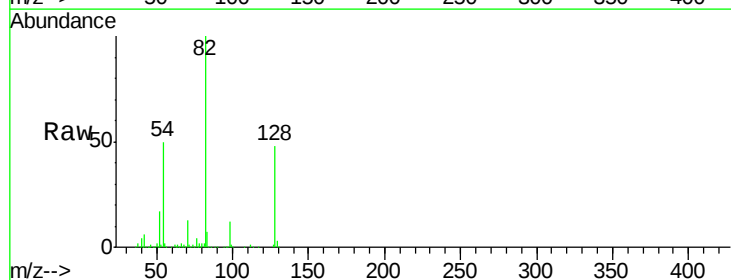
Ion Ratio Lower Upper

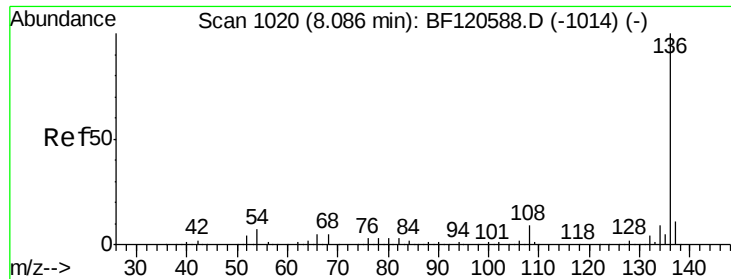
70 100

42 46.7 47.7 71.5#

101 0.0 7.6 11.4#

130 2.4 16.7 25.1#

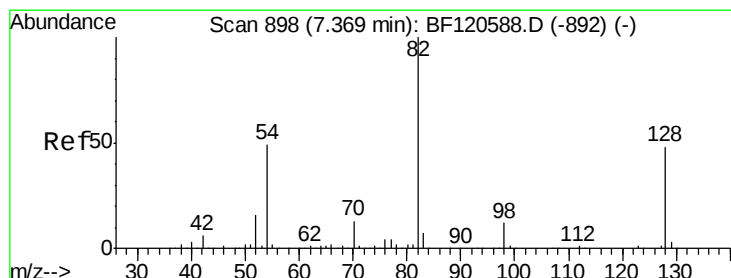
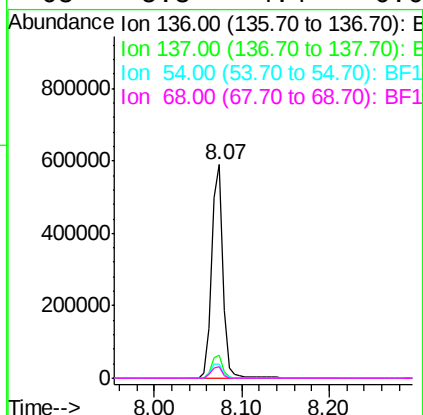
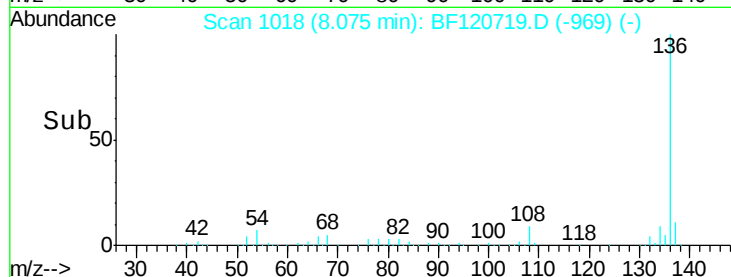
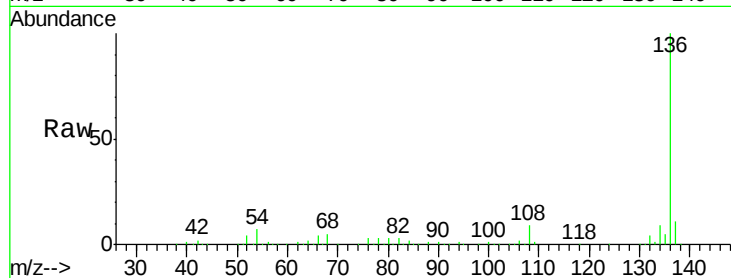




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF120719.D
Acq: 26 Jun 2020 20:02

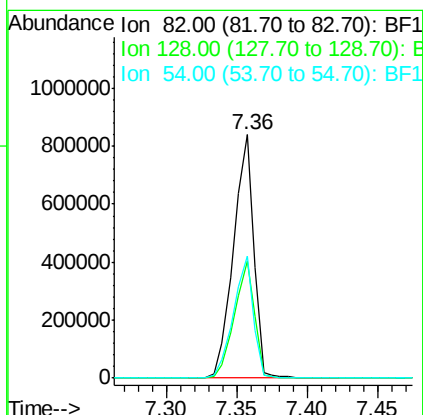
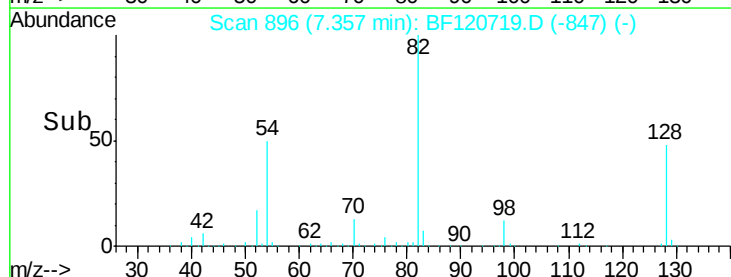
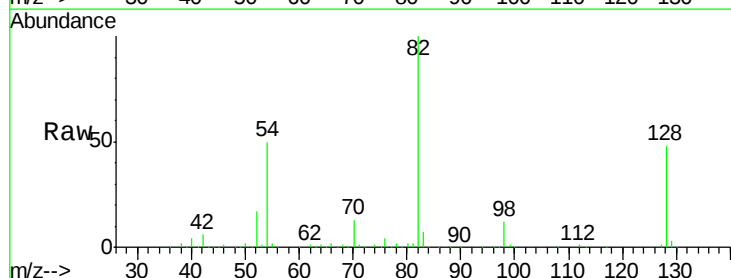
Instrument :
BNA_F
ClientSampleId :
DRUM-COMP

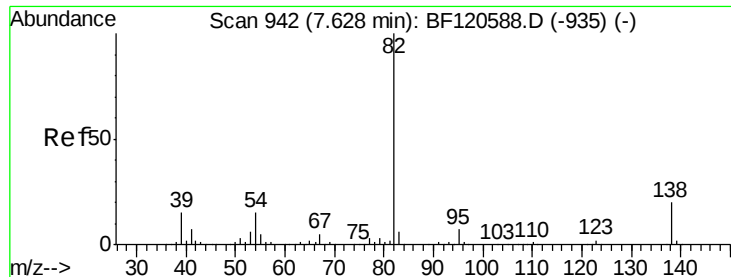
Tot Ion:136	Resp:	534440
Ion	Ratio	Lower Upper
136	100	
137	11.0	8.6 13.0
54	6.8	5.8 8.6
68	5.3	4.4 6.6



#23
Nitrobenzene-d5
Concen: 88.074 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF120719.D
Acq: 26 Jun 2020 20:02

Tgt Ion: 82	Resp:	842096
Ion	Ratio	Lower Upper
82	100	
128	47.9	38.0 57.0
54	50.2	38.8 58.2





#25

Isophorone

Concen: 44.996 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.27 min

Lab File: BF120719.D

Acq: 26 Jun 2020 20:02

Instrument :

BNA_F

ClientSampled :

DRUM-COMP

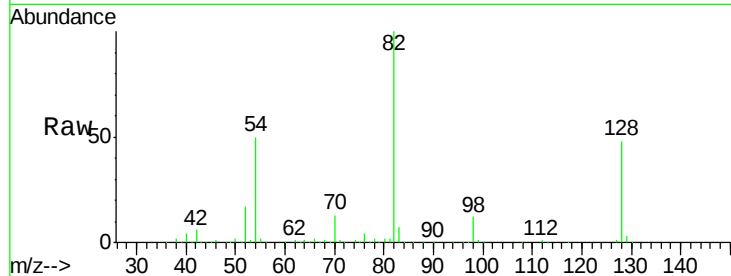
Tot Ion: 82 Resp: 838042

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

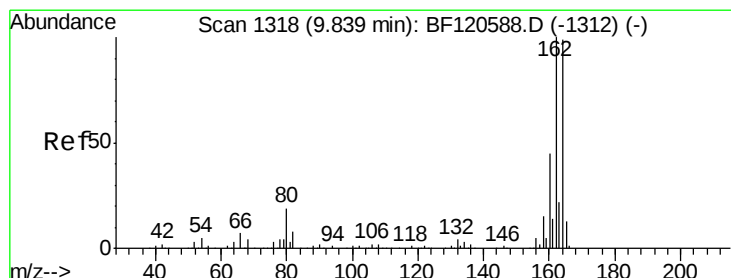
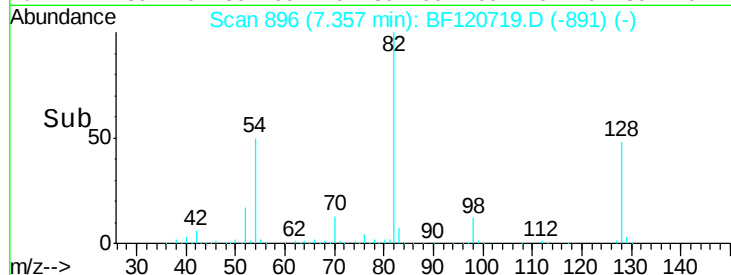
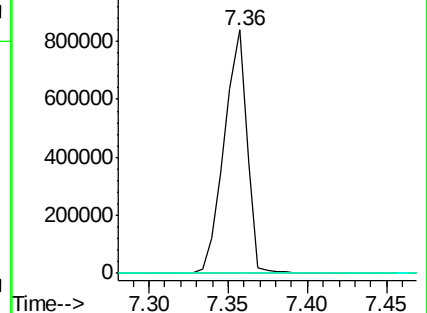
138 0.0 16.2 24.4#



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# 1316

Delta R.T. -0.01 min

Lab File: BF120719.D

Acq: 26 Jun 2020 20:02

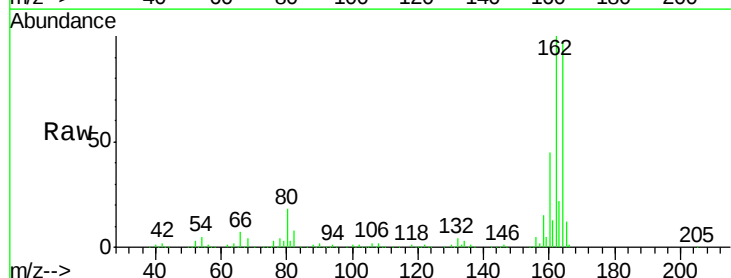
Tgt Ion: 164 Resp: 279321

Ion Ratio Lower Upper

164 100

162 103.1 80.6 120.8

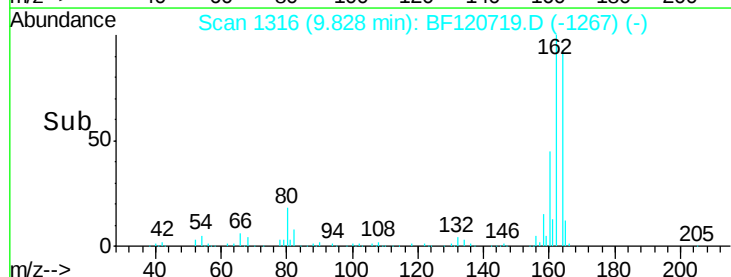
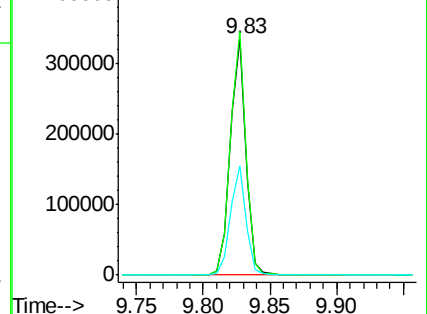
160 46.3 36.2 54.2

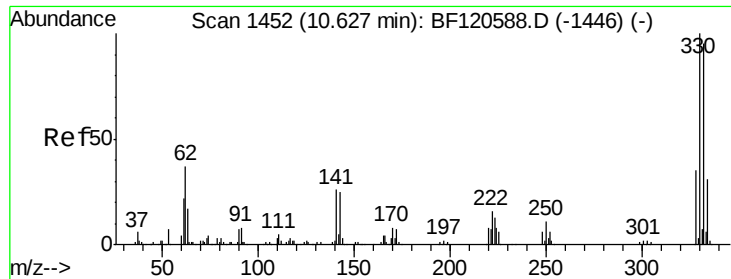


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

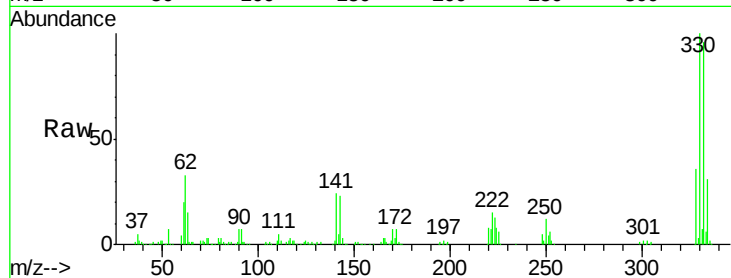




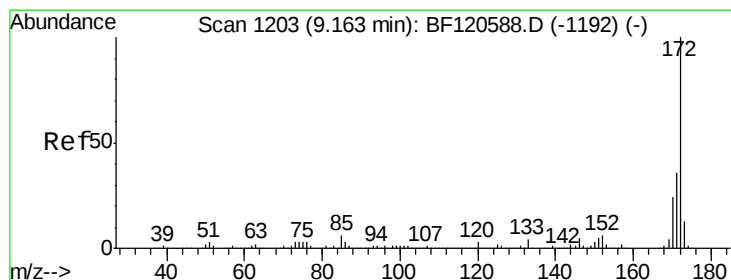
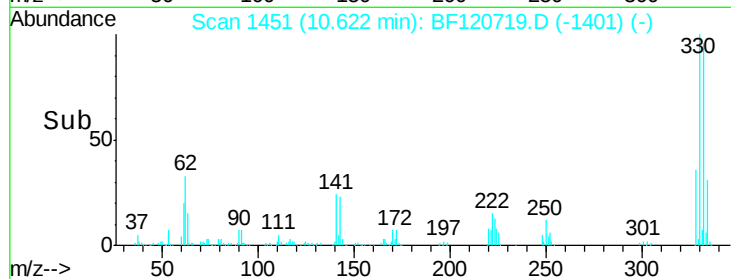
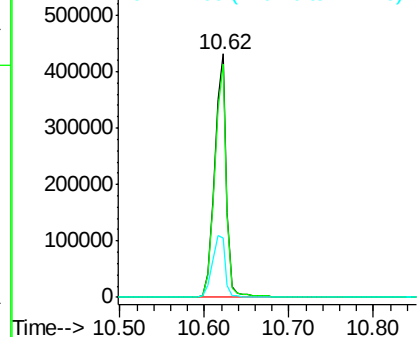
#42
 2,4,6-Tribromophenol
 Concen: 131.516 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.01 min
 Lab File: BF120719.D
 Acq: 26 Jun 2020 20:02

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-COMP

Tot Ion:330 Resp: 427099
 Ion Ratio Lower Upper
 330 100
 332 95.6 76.8 115.2
 141 28.1 23.2 34.8

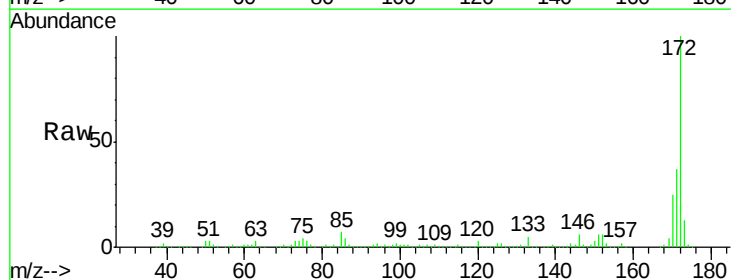


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

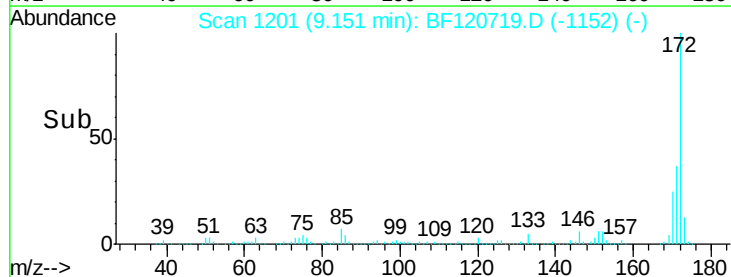
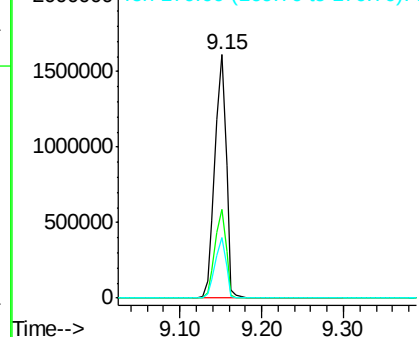


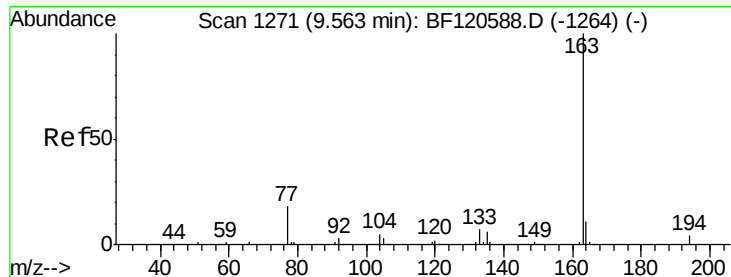
#45
 2-Fluorobiphenyl
 Concen: 85.774 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF120719.D
 Acq: 26 Jun 2020 20:02

Tgt Ion:172 Resp: 1565921
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.0 43.4
 170 24.8 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: 8.948 ng

RT: 9.55 min Scan# 1268

Delta R.T. -0.02 min

Lab File: BF120719.D

Acq: 26 Jun 2020 20:02

Instrument :

BNA_F

ClientSampleId :

DRUM-COMP

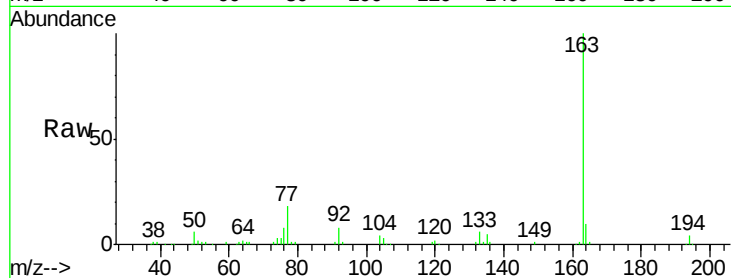
Tot Ion:163 Resp: 180006

Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

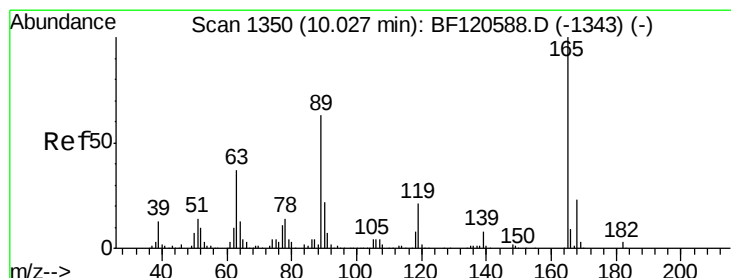
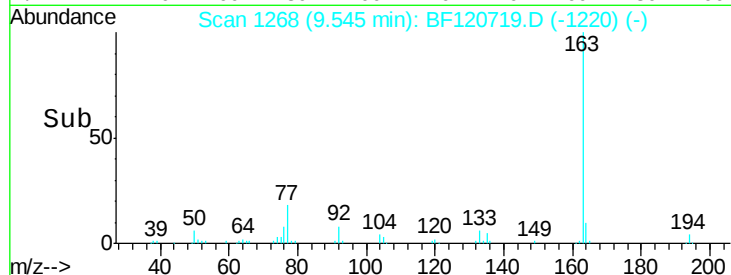
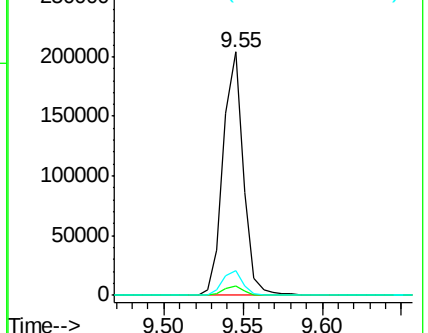
164 9.9 8.5 12.7



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: 5.897 ng

RT: 9.83 min Scan# 1316

Delta R.T. -0.20 min

Lab File: BF120719.D

Acq: 26 Jun 2020 20:02

Tgt Ion:165 Resp: 35676

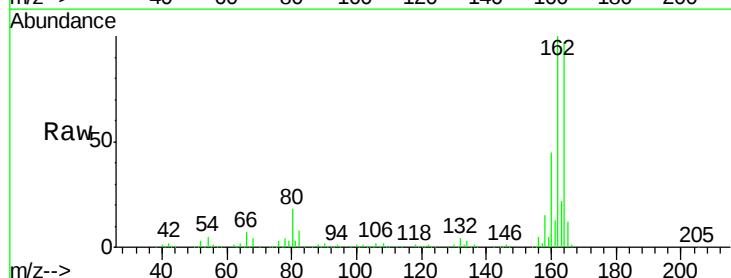
Ion Ratio Lower Upper

165 100

63 1.1 29.8 44.8#

89 1.1 50.4 75.6#

182 0.0 2.1 3.1#

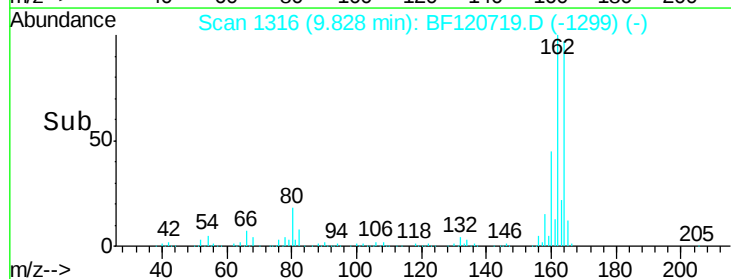
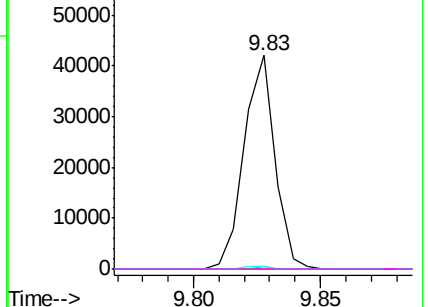


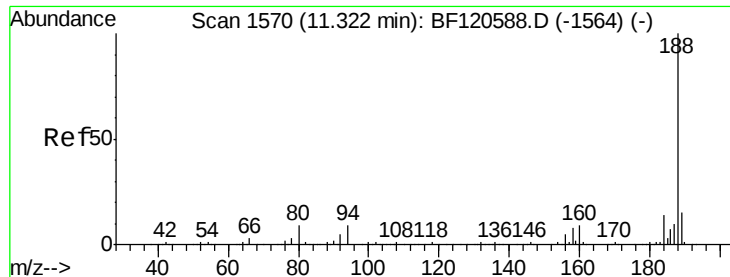
Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.31 min Scan# 1568

Delta R.T. -0.01 min

Lab File: BF120719.D

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Instrument :

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ClientSampleId :

DRUM-COMP

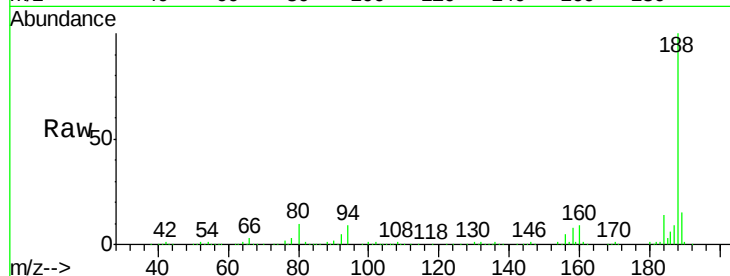
Tot Ion:188 Resp: 556567

Ion Ratio Lower Upper

188 100

94 9.2 7.2 10.8

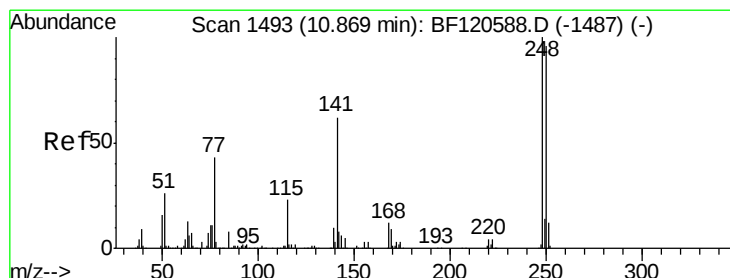
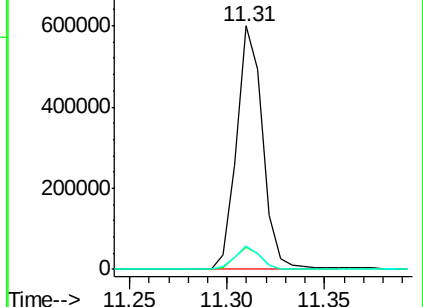
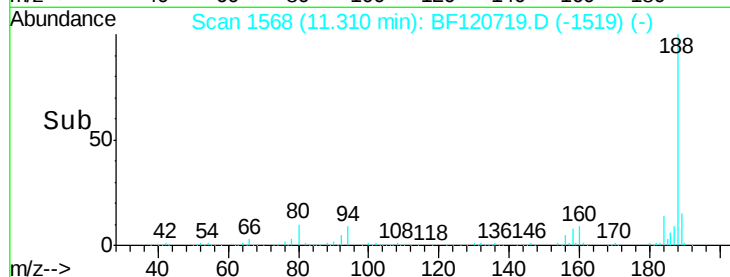
80 9.9 7.4 11.2



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: 3.903 ng

RT: 10.62 min Scan# 1451

Delta R.T. -0.25 min

Lab File: BF120719.D

Acq: 26 Jun 2020 20:02

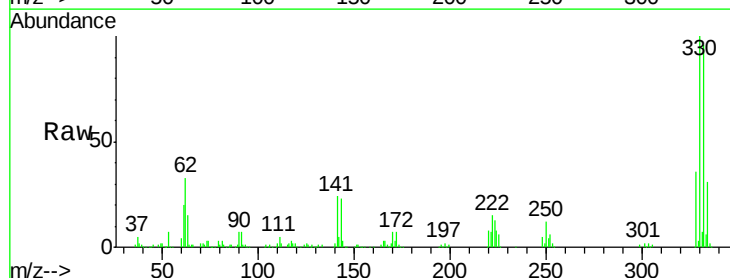
Tgt Ion:248 Resp: 24656

Ion Ratio Lower Upper

248 100

250 212.3 76.7 115.1#

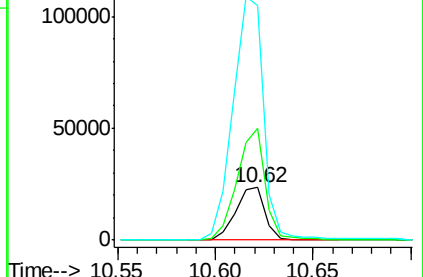
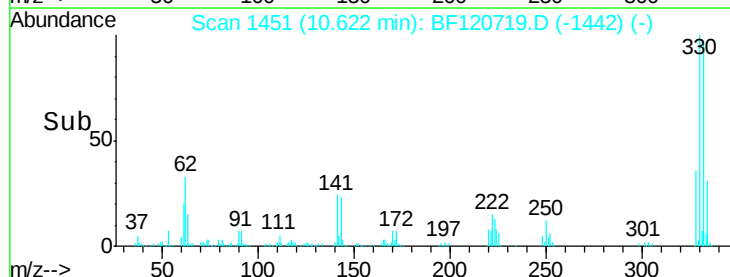
141 444.3 49.4 74.0#

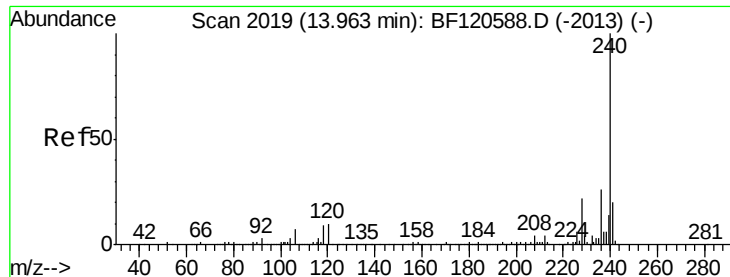


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

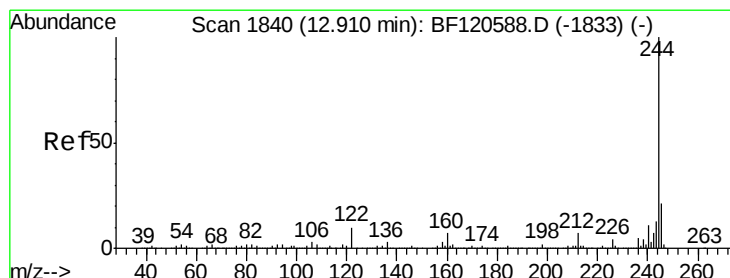
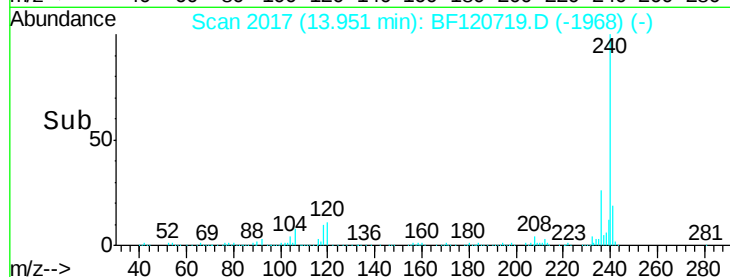
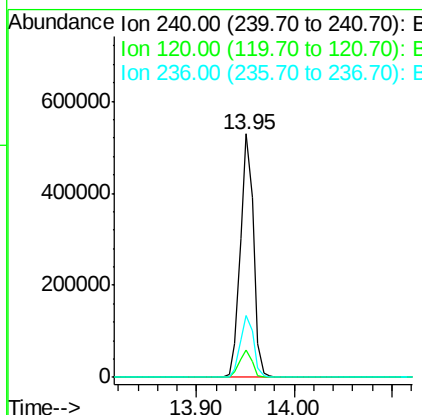
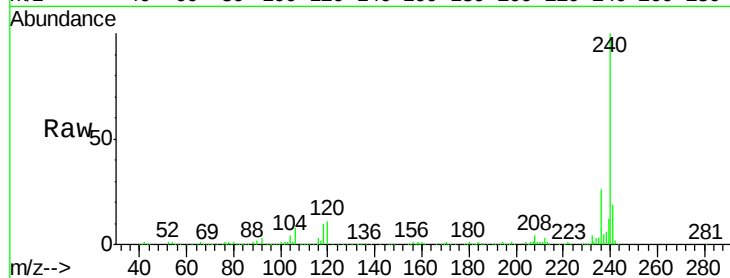




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.95 min Scan# 2017
Delta R.T. -0.01 min
Lab File: BF120719.D
Acq: 26 Jun 2020 20:02

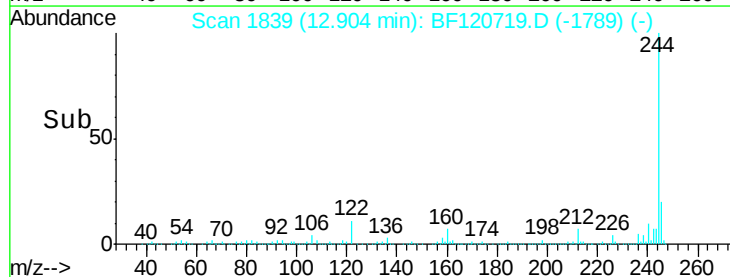
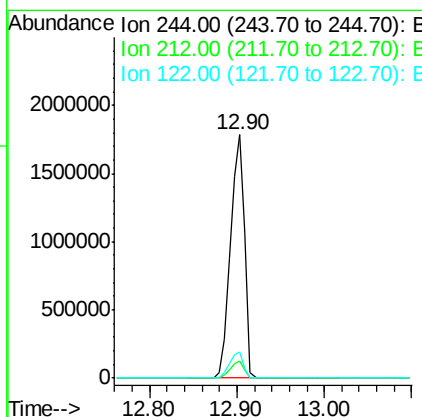
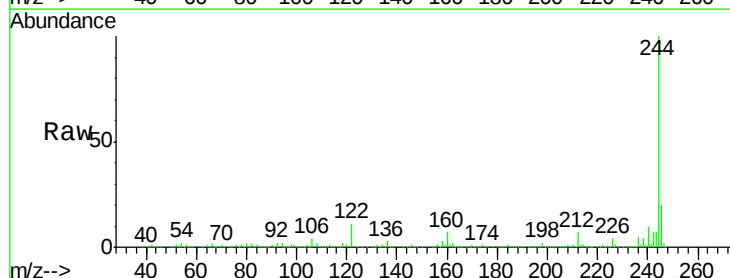
Instrument :
BNA_F
ClientSampleId :
DRUM-COMP

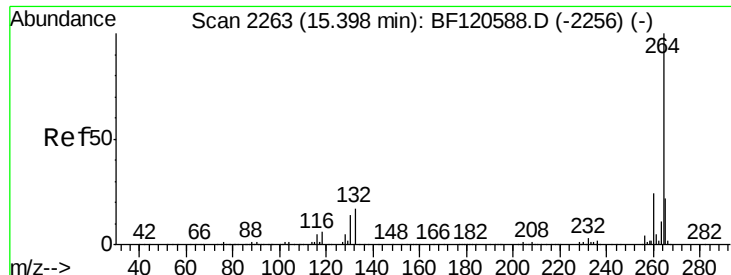
Tot Ion:240 Resp: 494177
Ion Ratio Lower Upper
240 100
120 11.4 8.3 12.5
236 25.6 21.0 31.4



#79
Terphenyl-d14
Concen: 88.249 ng
RT: 12.90 min Scan# 1839
Delta R.T. -0.01 min
Lab File: BF120719.D
Acq: 26 Jun 2020 20:02

Tgt Ion:244 Resp: 1974340
Ion Ratio Lower Upper
244 100
212 6.8 5.7 8.5
122 10.7 8.3 12.5

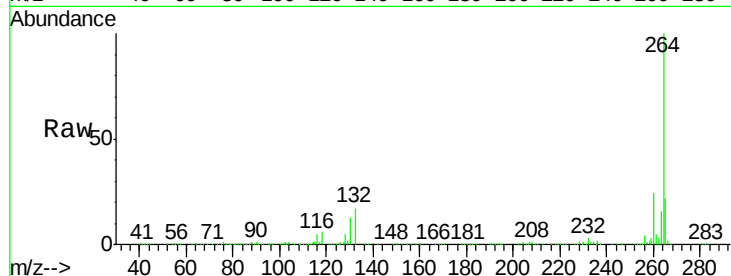




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.39 min Scan# 2262
 Delta R.T. -0.01 min
 Lab File: BF120719.D
 Acq: 26 Jun 2020 20:02

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-COMP

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.3	28.9
265	21.6	17.8	26.8



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

