

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062620\
 Data File : BF120721.D
 Acq On : 26 Jun 2020 20:58
 Operator : JU/CG
 Sample : L2810-16
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-062420

Quant Time: Jun 27 00:48:02 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

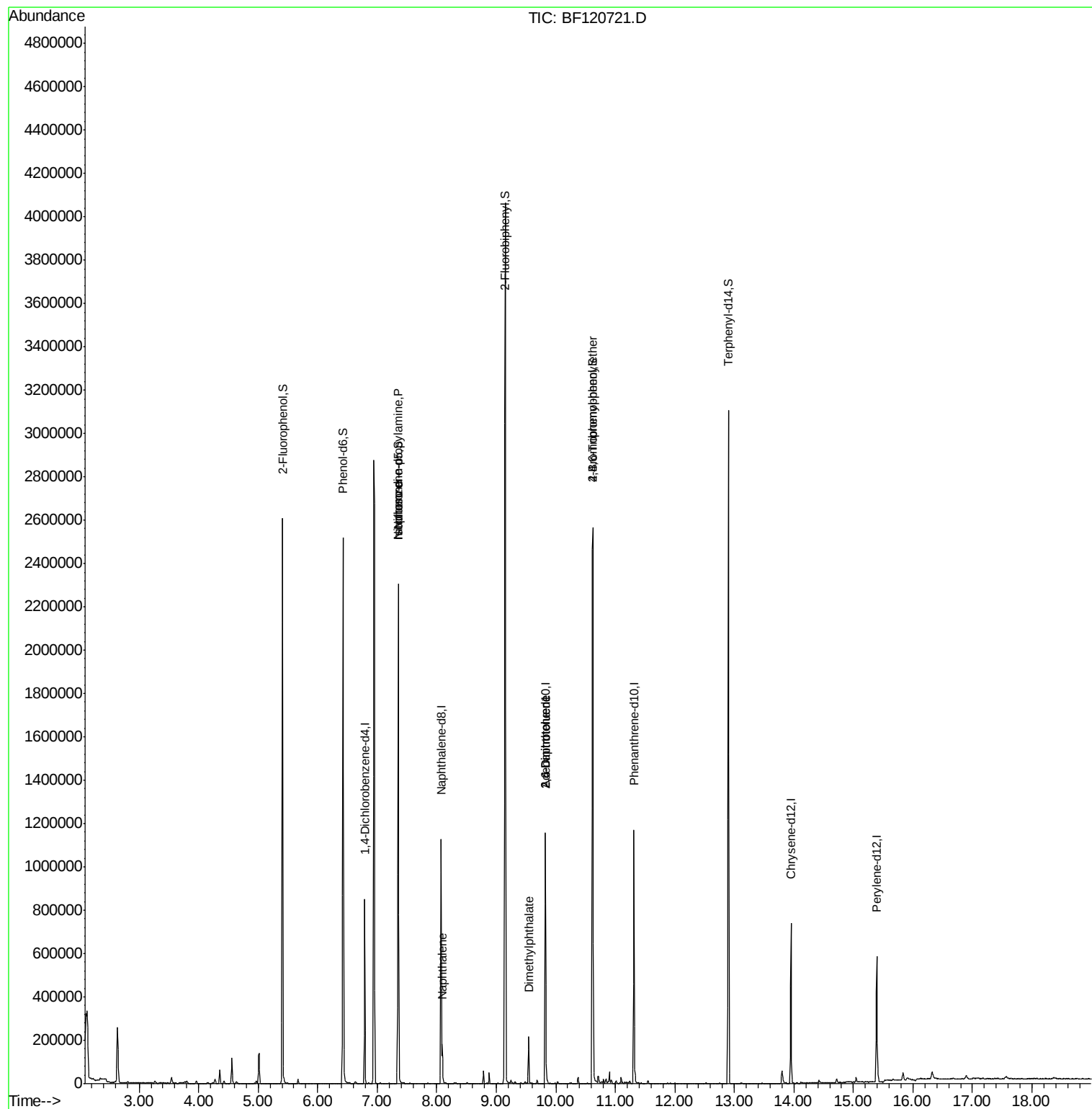
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	139025	20.00	ng	-0.01
21) Naphthalene-d8	8.07	136	532405	20.00	ng	-0.01
39) Acenaphthene-d10	9.83	164	228702	20.00	ng	-0.01
64) Phenanthrene-d10	11.31	188	463402	20.00	ng	-0.01
76) Chrysene-d12	13.95	240	263467	20.00	ng	-0.01
86) Perylene-d12	15.39	264	267836	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	768498	94.77	ng	0.00
7) Phenol-d6	6.43	99	927245	91.81	ng	-0.01
23) Nitrobenzene-d5	7.36	82	769602	80.80	ng	-0.01
42) 2,4,6-Tribromophenol	10.62	330	389781	146.59	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	1342136	89.79	ng	-0.01
79) Terphenyl-d14	12.90	244	1191913	99.93	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.36	70	100028	17.074	ng	# 77
25) Isophorone	7.36	82	765266	41.246	ng	# 62
31) Naphthalene	8.09	128	70167	2.684	ng	100
50) Dimethylphthalate	9.55	163	89779	5.451	ng	98
51) 2,6-Dinitrotoluene	9.83	165	29109	7.798	ng	# 26
57) 2,4-Dinitrotoluene	9.83	165	29109	5.877	ng	# 29
67) 4-Bromophenyl-phenylether	10.62	248	22671	4.311	ng	# 1

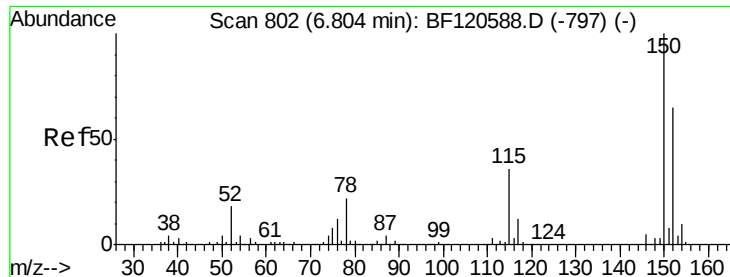
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jun 11 11:28:22 2020
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.79 min Scan# 800

Delta R.T. -0.01 min

Lab File: BF120721.D

Acq: 26 Jun 2020 20:58

Instrument :

BNA_F

ClientSampleId :

CL-01-062420

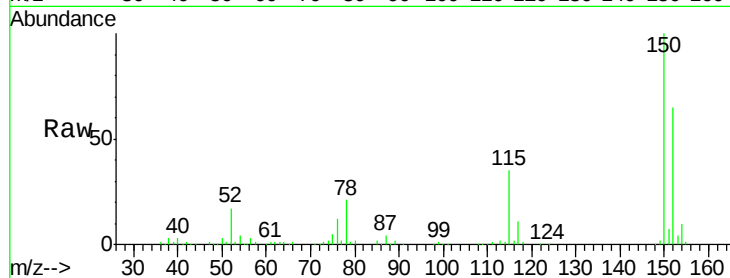
Tot Ion:152 Resp: 139025

Ion Ratio Lower Upper

152 100

150 153.5 123.2 184.8

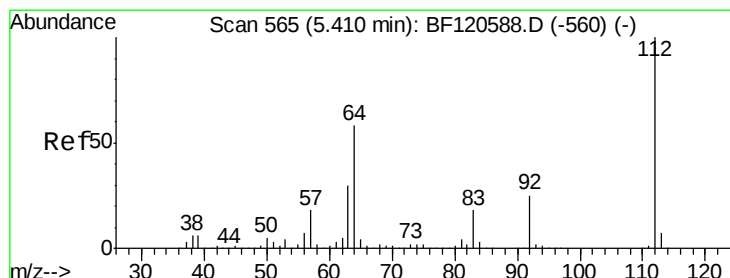
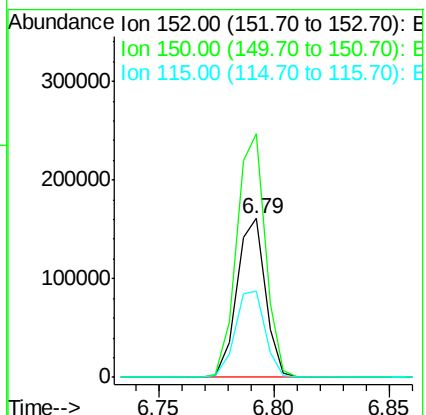
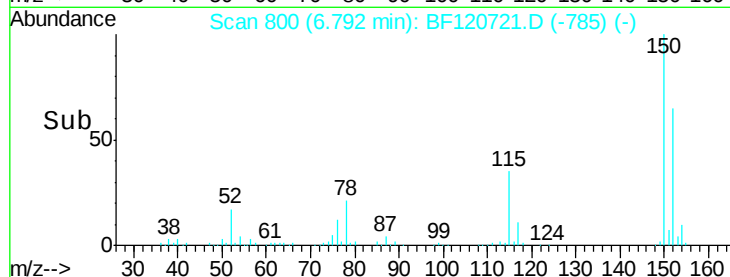
115 54.3 43.9 65.9



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: 94.771 ng

RT: 5.41 min Scan# 565

Delta R.T. -0.01 min

Lab File: BF120721.D

Acq: 26 Jun 2020 20:58

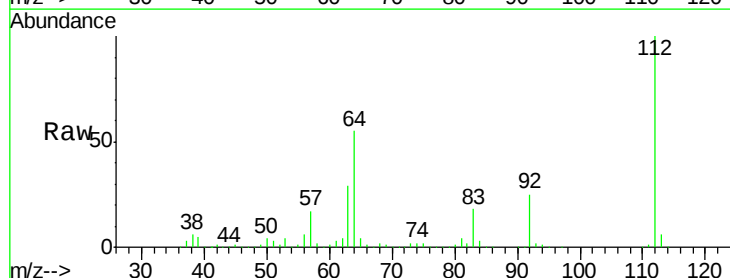
Tgt Ion:112 Resp: 768498

Ion Ratio Lower Upper

112 100

64 54.7 46.1 69.1

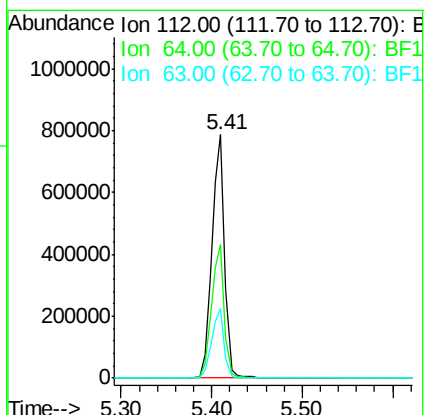
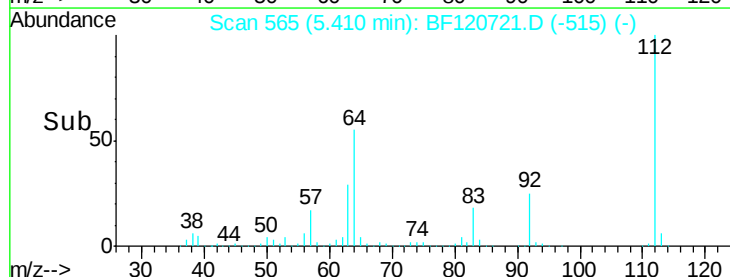
63 28.7 23.7 35.5

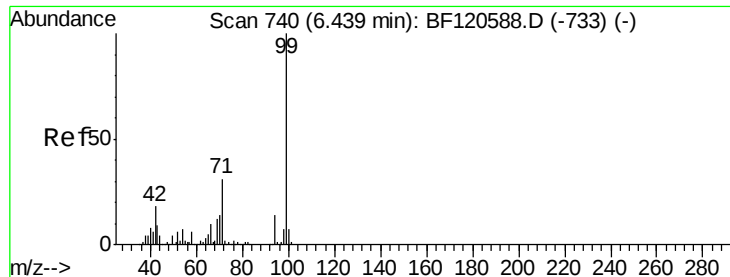


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 91.809 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF120721.D

Acq: 26 Jun 2020 20:58

Instrument :

BNA_F

ClientSampleId :

CL-01-062420

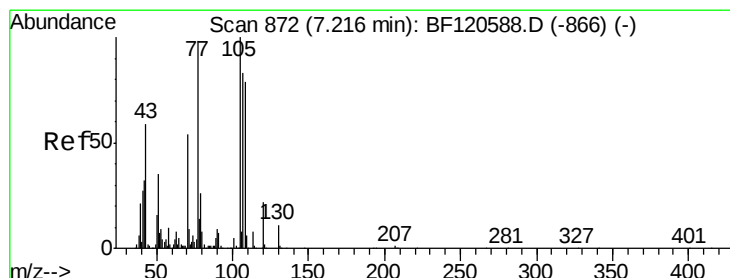
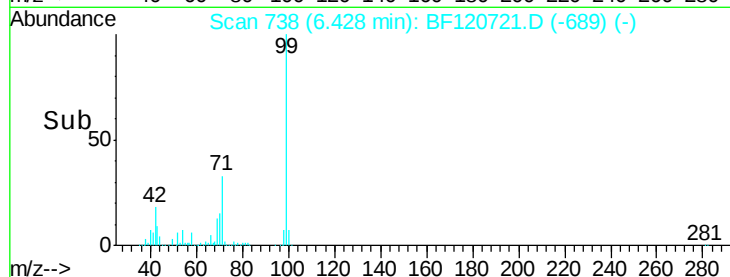
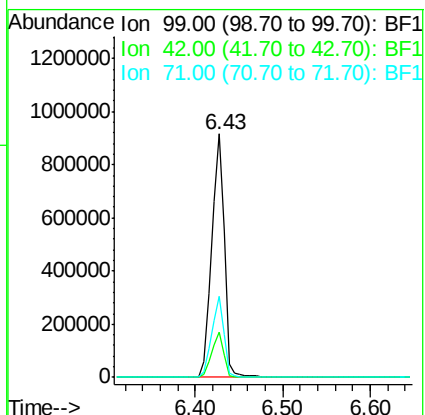
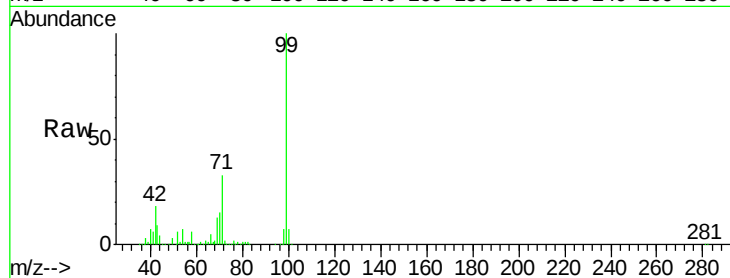
Tot Ion: 99 Resp: 927245

Ion Ratio Lower Upper

99 100

42 18.4 14.0 21.0

71 33.1 24.9 37.3



#19

n-Nitroso-di-n-propylamine

Concen: 17.074 ng

RT: 7.36 min Scan# 896

Delta R.T. 0.14 min

Lab File: BF120721.D

Acq: 26 Jun 2020 20:58

Tgt Ion: 70 Resp: 100028

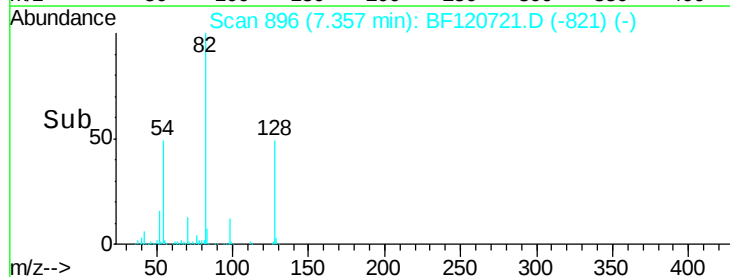
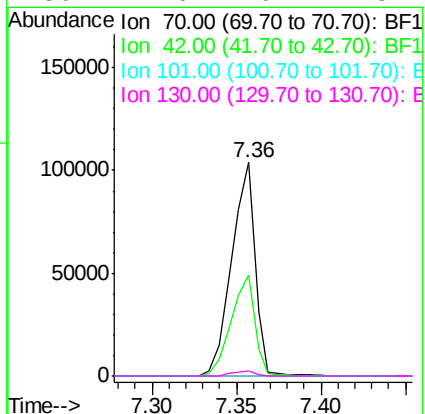
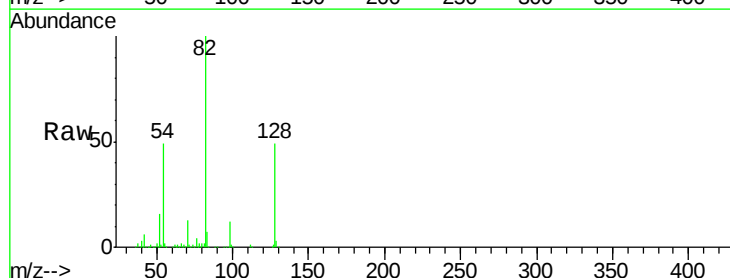
Ion Ratio Lower Upper

70 100

42 47.1 47.7 71.5#

101 0.0 7.6 11.4#

130 2.6 16.7 25.1#

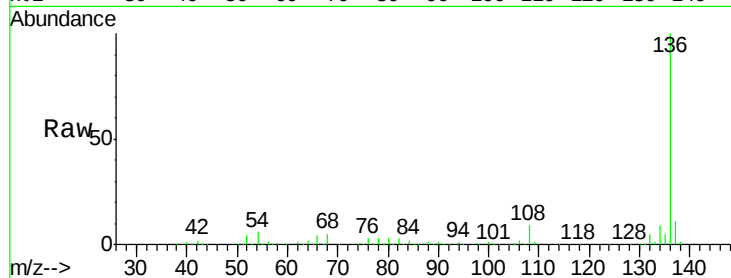




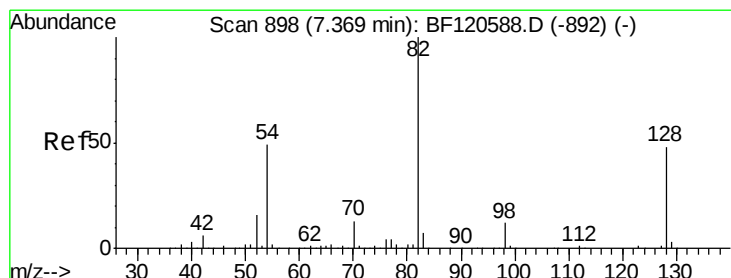
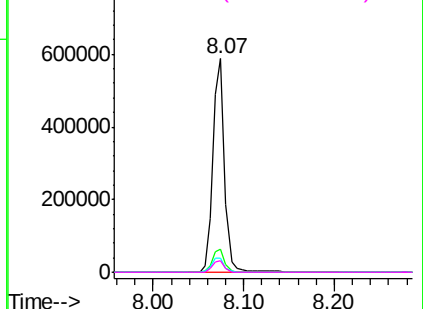
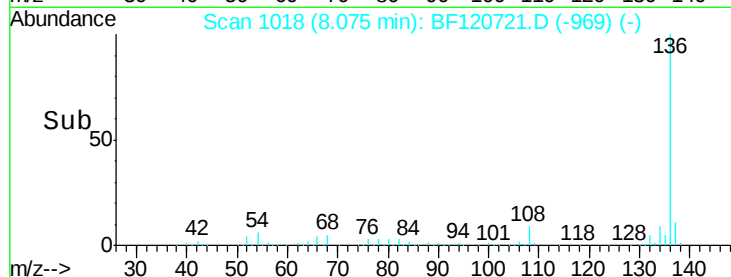
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF120721.D
Acq: 26 Jun 2020 20:58

Instrument :
BNA_F
ClientSampleId :
CL-01-062420

Tot Ion:136 Resp: 532405
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 6.5 5.8 8.6
68 5.2 4.4 6.6

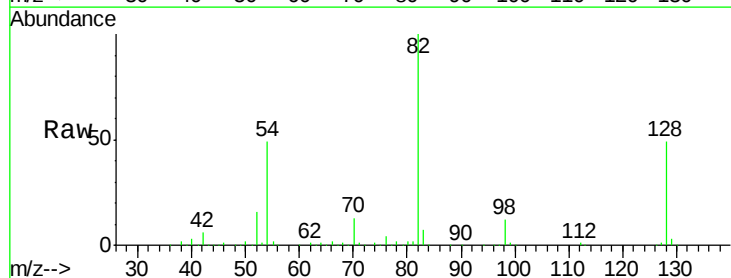


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

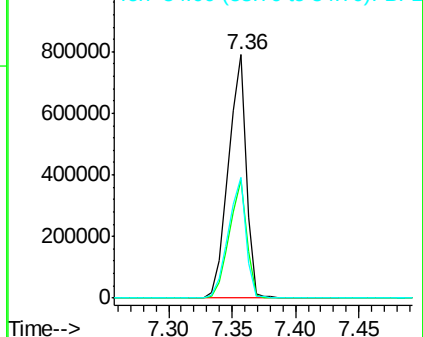
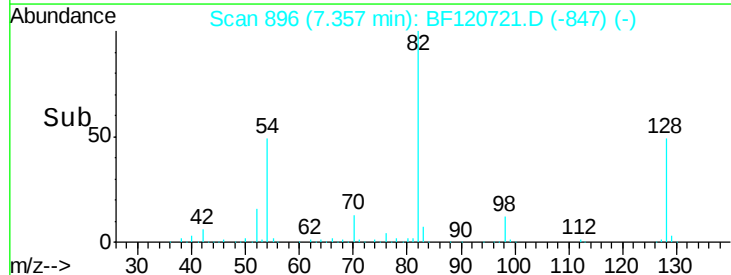


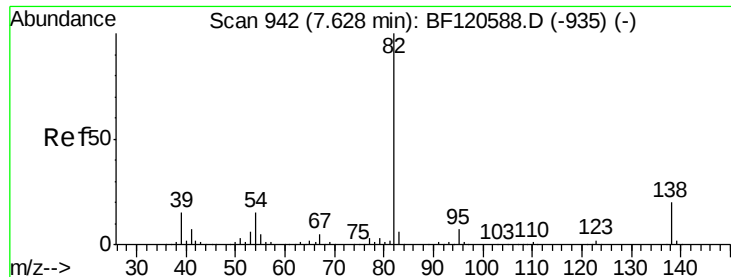
#23
Nitrobenzene-d5
Concen: 80.800 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF120721.D
Acq: 26 Jun 2020 20:58

Tgt Ion: 82 Resp: 769602
Ion Ratio Lower Upper
82 100
128 48.7 38.0 57.0
54 49.4 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: 41.246 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.27 min

Lab File: BF120721.D

Acq: 26 Jun 2020 20:58

Instrument :

BNA_F

ClientSampleId :

CL-01-062420

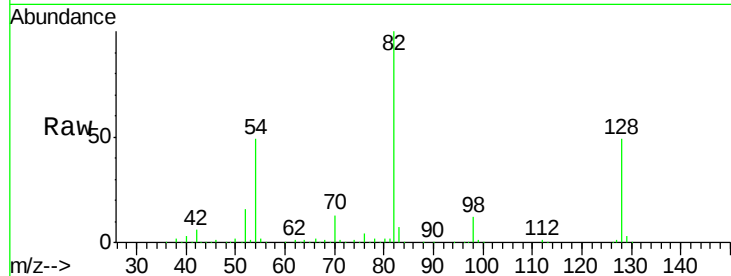
Tot Ion: 82 Resp: 765266

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

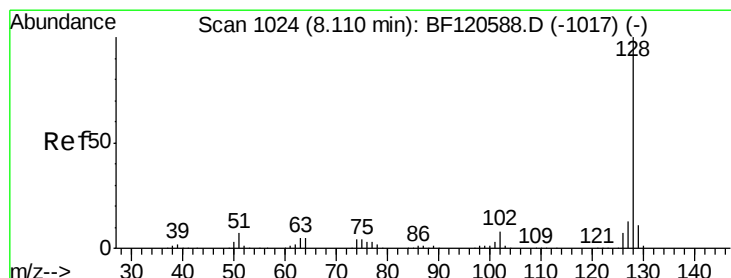
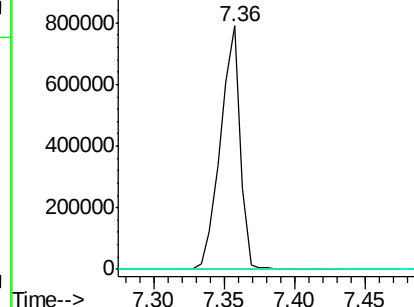
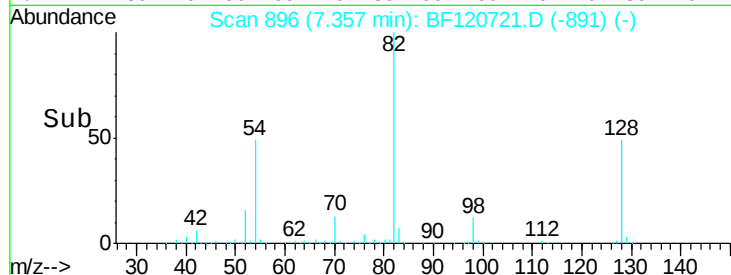
138 0.0 16.2 24.4#



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



#31

Naphthalene

Concen: 2.684 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.02 min

Lab File: BF120721.D

Acq: 26 Jun 2020 20:58

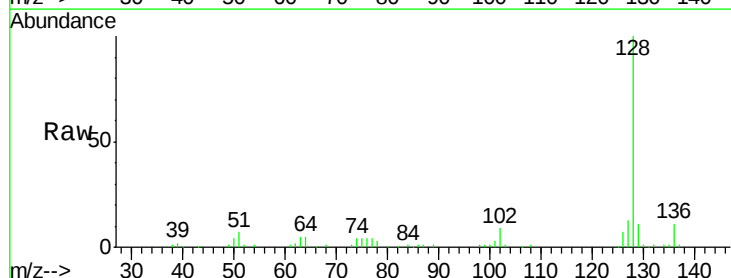
Tgt Ion: 128 Resp: 70167

Ion Ratio Lower Upper

128 100

129 11.0 8.8 13.2

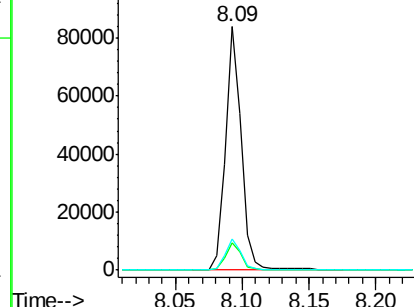
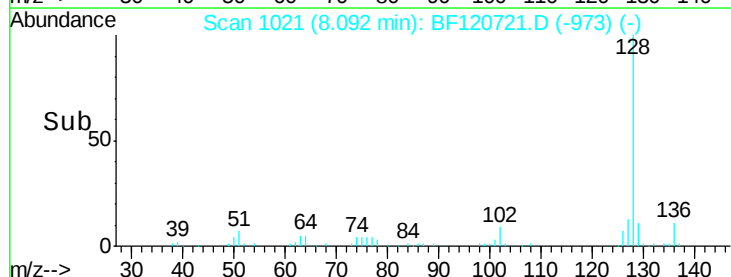
127 12.9 10.6 15.8

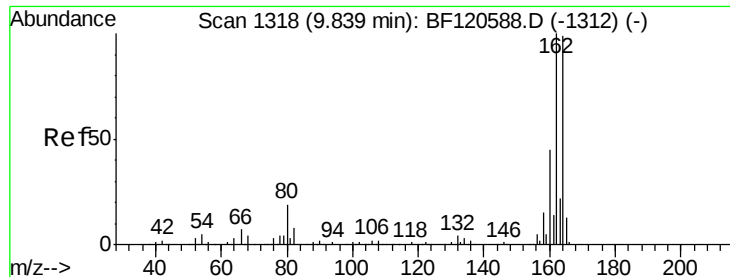


Abundance Ion 128.00 (127.70 to 128.70): BF1

Ion 129.00 (128.70 to 129.70): BF1

Ion 127.00 (126.70 to 127.70): BF1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.83 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BF120721.D

Acq: 26 Jun 2020 20:58

Instrument :

BNA_F

ClientSampleId :

CL-01-062420

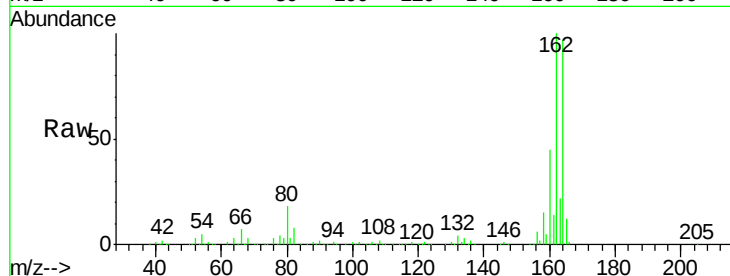
Tot Ion:164 Resp: 228702

Ion Ratio Lower Upper

164 100

162 103.2 80.6 120.8

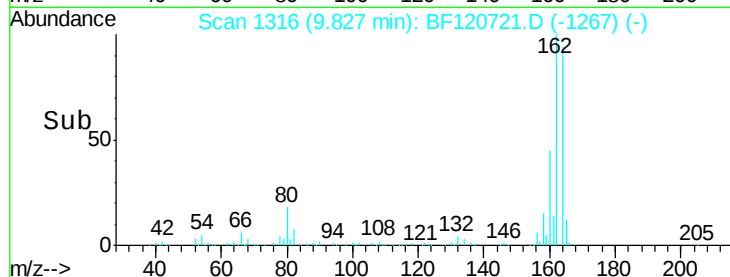
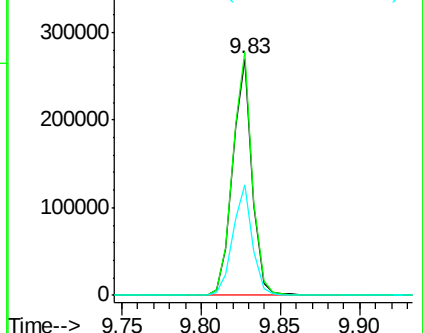
160 46.7 36.2 54.2



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: 146.590 ng

RT: 10.62 min Scan# 1451

Delta R.T. -0.01 min

Lab File: BF120721.D

Acq: 26 Jun 2020 20:58

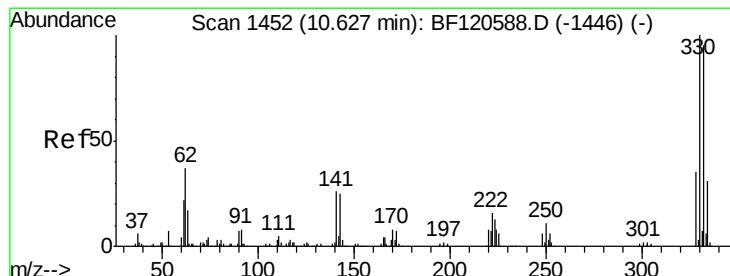
Tgt Ion:330 Resp: 389781

Ion Ratio Lower Upper

330 100

332 96.7 76.8 115.2

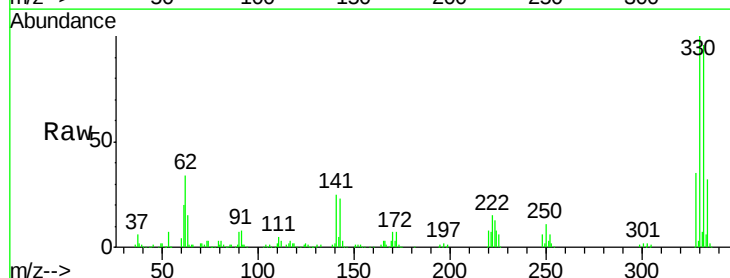
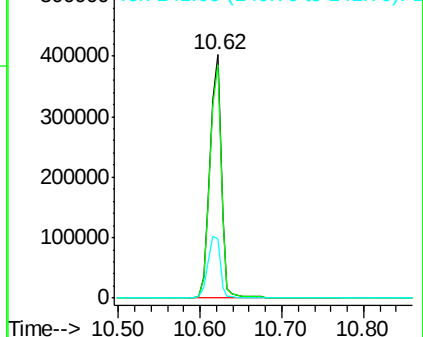
141 27.9 23.2 34.8

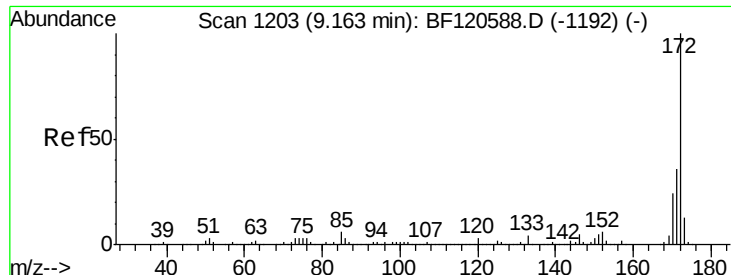


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

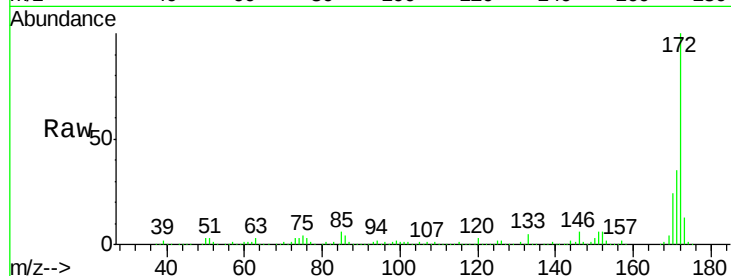




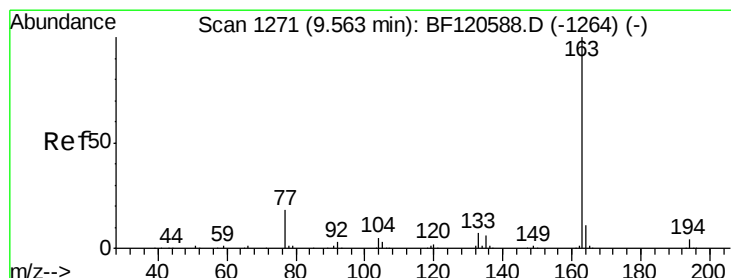
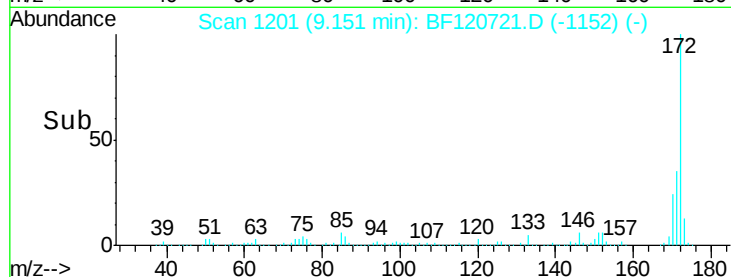
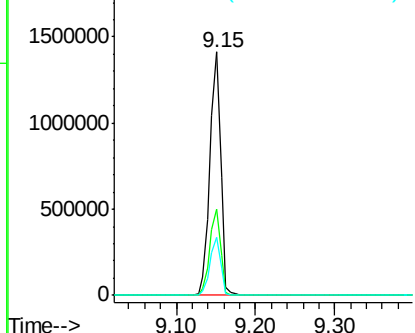
#45
2-Fluorobiphenyl
Concen: 89.787 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.01 min
Lab File: BF120721.D
Acq: 26 Jun 2020 20:58

Instrument :
BNA_F
ClientSampleId :
CL-01-062420

Tot Ion:172 Resp: 1342136
Ion Ratio Lower Upper
172 100
171 35.5 29.0 43.4
170 24.0 19.4 29.2

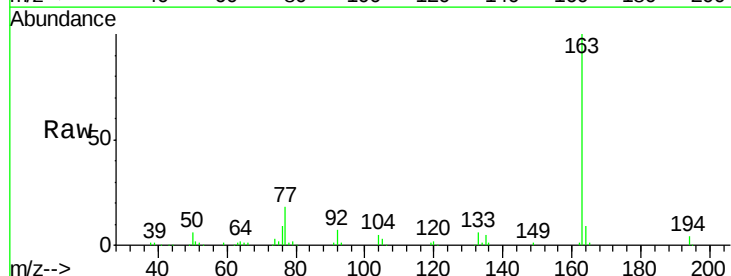


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

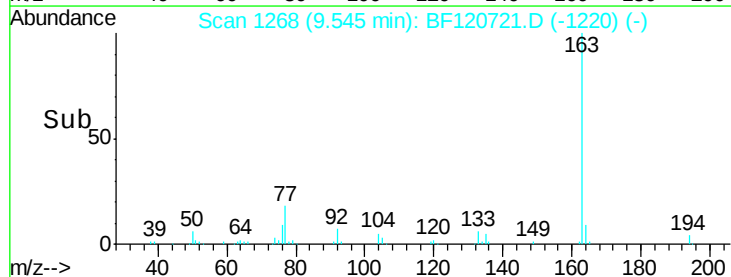
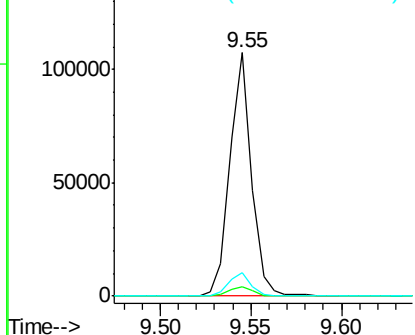


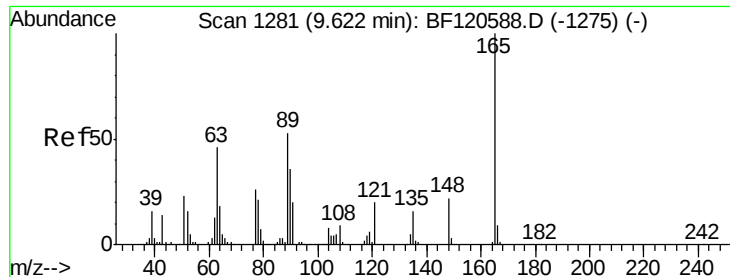
#50
Dimethylphthalate
Concen: 5.451 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.02 min
Lab File: BF120721.D
Acq: 26 Jun 2020 20:58

Tgt Ion:163 Resp: 89779
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 9.5 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





#51

2,6-Dinitrotoluene

Concen: 7.798 ng

RT: 9.83 min Scan# 1316

Delta R.T. 0.21 min

Lab File: BF120721.D

Acq: 26 Jun 2020 20:58

Instrument :

BNA_F

ClientSampleId :

CL-01-062420

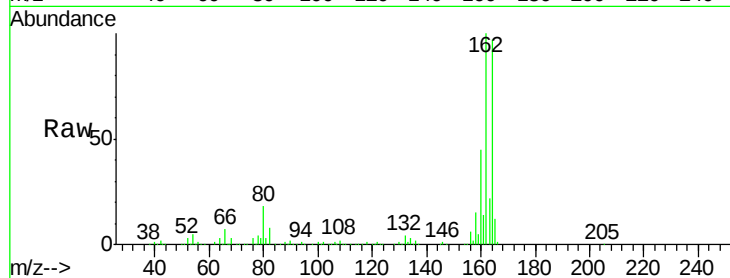
Tot Ion:165 Resp: 29109

Ion Ratio Lower Upper

165 100

63 0.0 41.7 62.5#

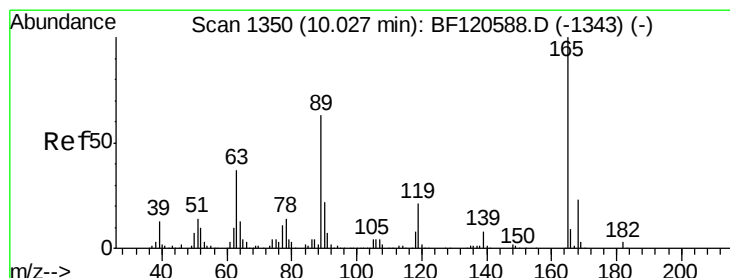
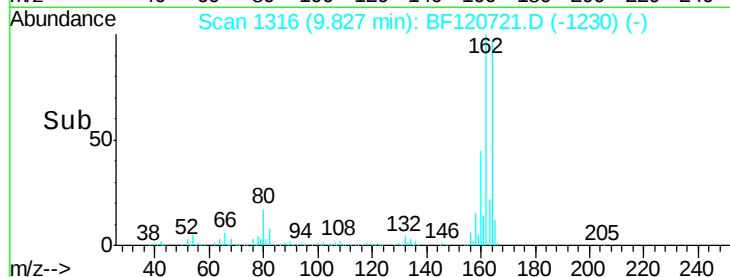
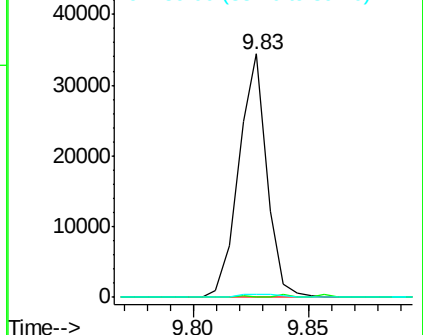
89 1.4 42.6 64.0#



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: 5.877 ng

RT: 9.83 min Scan# 1316

Delta R.T. -0.20 min

Lab File: BF120721.D

Acq: 26 Jun 2020 20:58

Tgt Ion:165 Resp: 29109

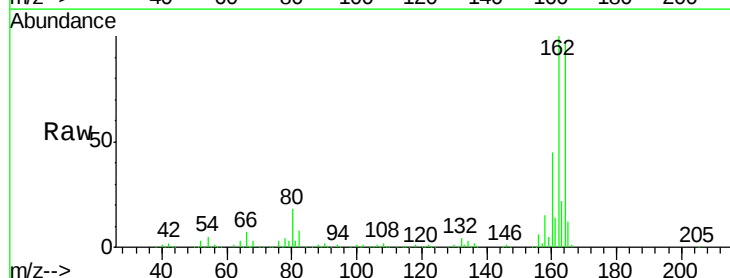
Ion Ratio Lower Upper

165 100

63 0.0 29.8 44.8#

89 1.4 50.4 75.6#

182 0.0 2.1 3.1#

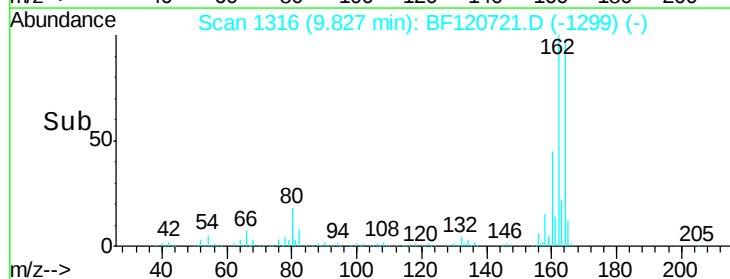
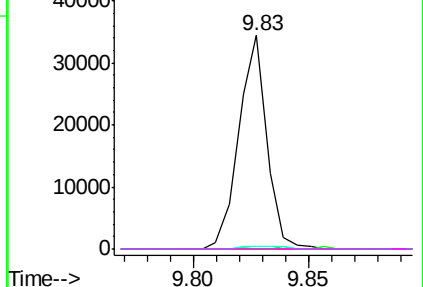


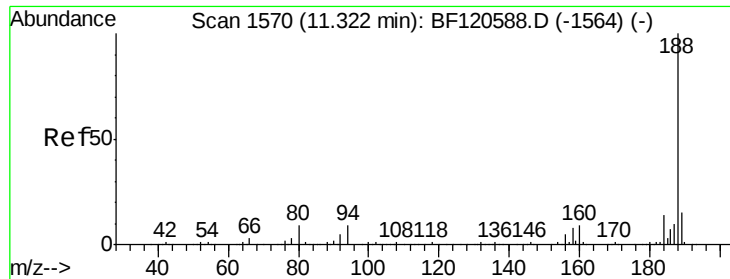
Abundance Ion 165.00 (164.70 to 165.70): E

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

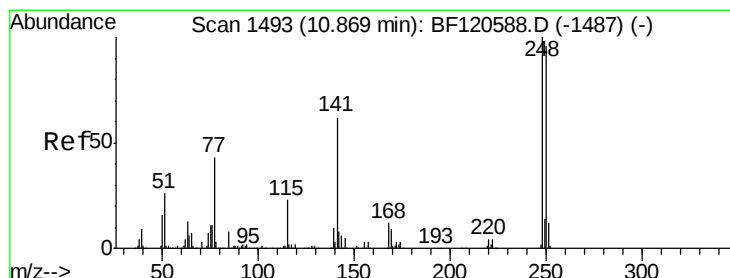
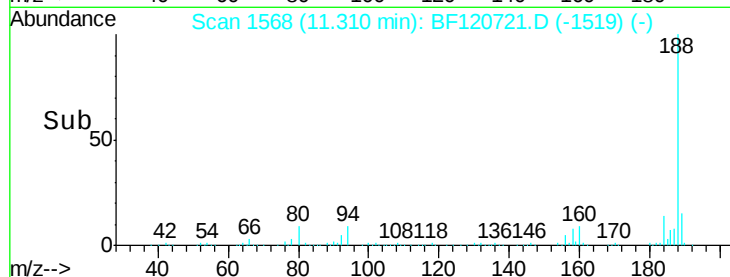
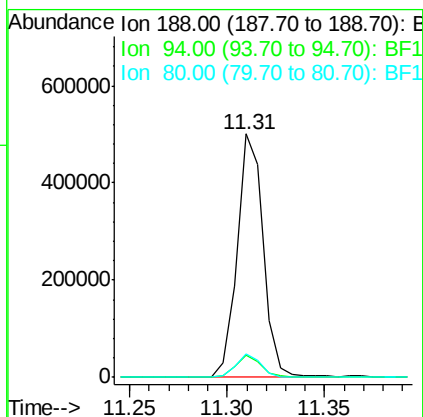
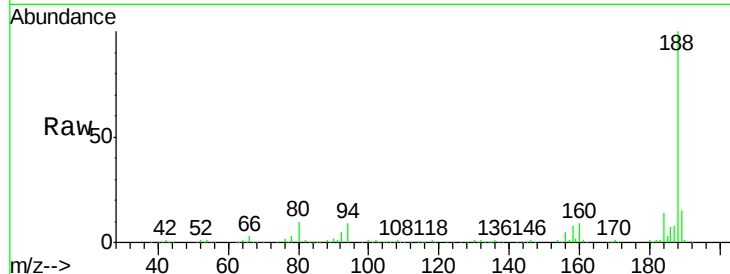




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BF120721.D
Acq: 26 Jun 2020 20:58

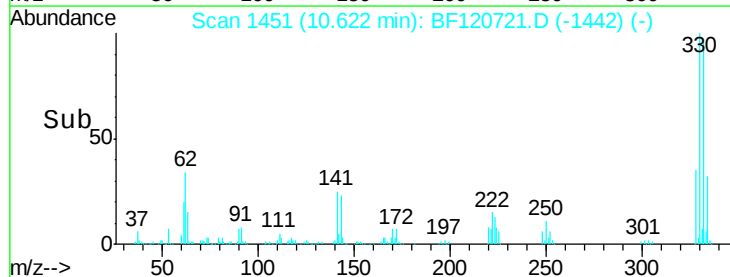
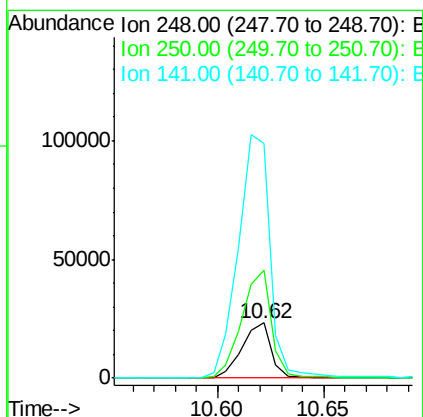
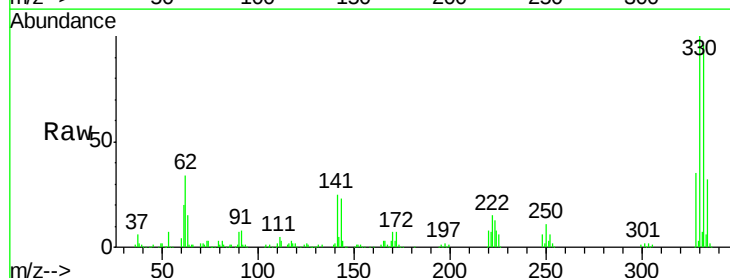
Instrument :
BNA_F
ClientSampleId :
CL-01-062420

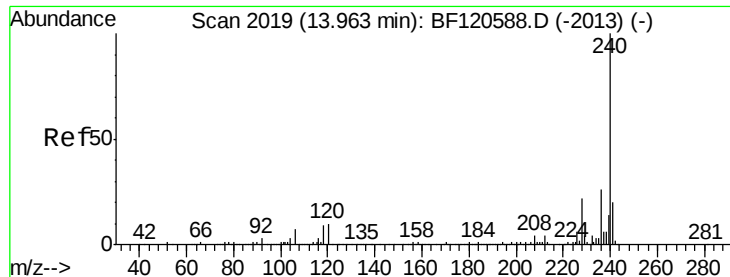
Tot Ion:188 Resp: 463402
Ion Ratio Lower Upper
188 100
94 9.2 7.2 10.8
80 9.5 7.4 11.2



#67
4-Bromophenyl-phenylether
Concen: 4.311 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.25 min
Lab File: BF120721.D
Acq: 26 Jun 2020 20:58

Tgt Ion:248 Resp: 22671
Ion Ratio Lower Upper
248 100
250 197.5 76.7 115.1#
141 427.3 49.4 74.0#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.95 min Scan# 2017

Delta R.T. -0.01 min

Lab File: BF120721.D

Acq: 26 Jun 2020 20:58

Instrument :

BNA_F

ClientSampleId :

CL-01-062420

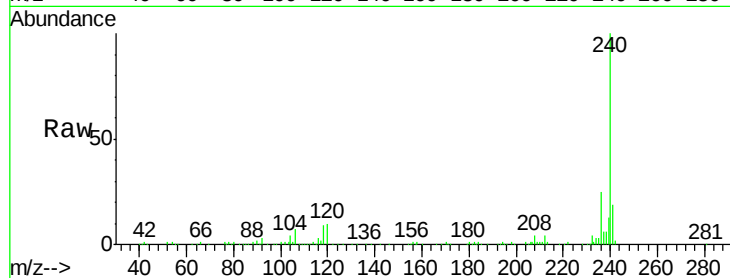
Tot Ion:240 Resp: 263467

Ion Ratio Lower Upper

240 100

120 10.2 8.3 12.5

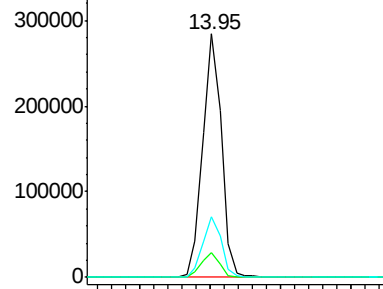
236 25.0 21.0 31.4



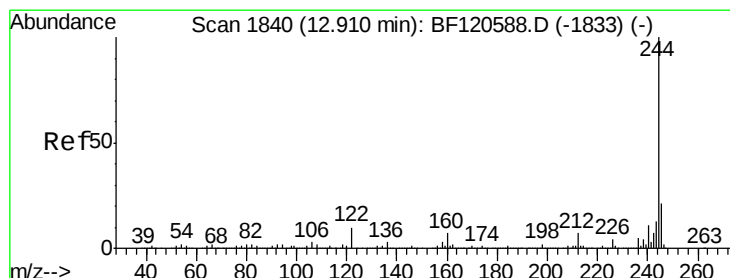
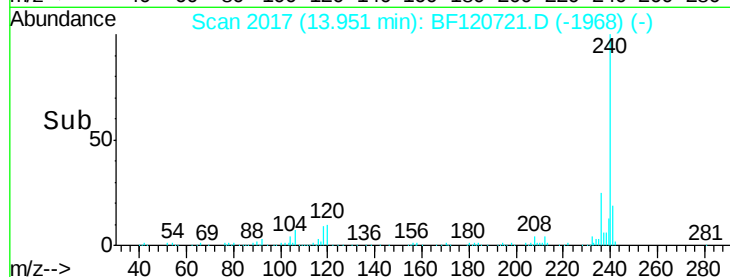
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->



#79

Terphenyl-d14

Concen: 99.929 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BF120721.D

Acq: 26 Jun 2020 20:58

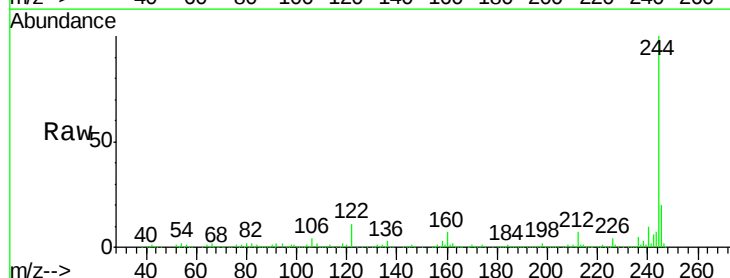
Tgt Ion:244 Resp: 1191913

Ion Ratio Lower Upper

244 100

212 6.8 5.7 8.5

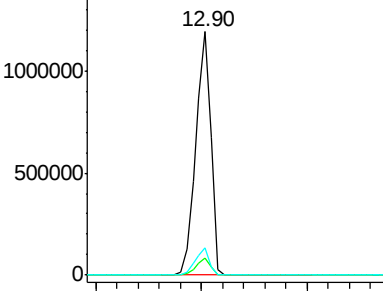
122 11.0 8.3 12.5



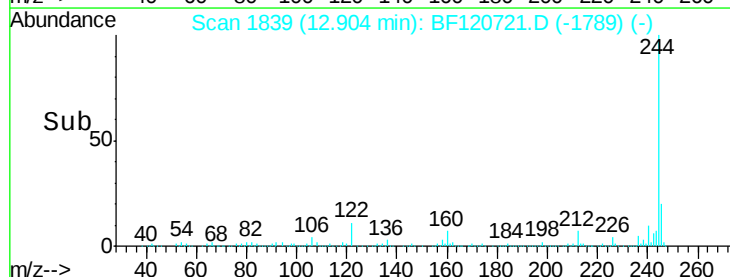
Abundance Ion 244.00 (243.70 to 244.70): E

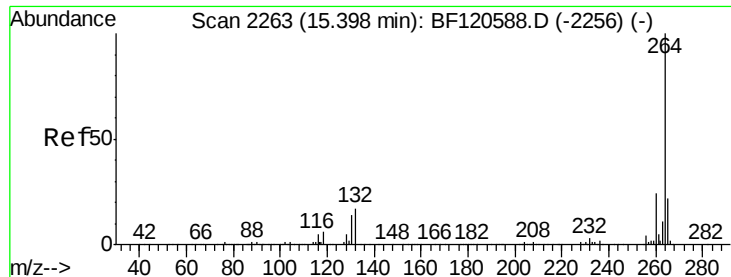
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.39 min Scan# 2262
Delta R.T. -0.01 min
Lab File: BF120721.D
Acq: 26 Jun 2020 20:58

Instrument :
BNA_F
ClientSampleId :
CL-01-062420

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.3	28.9
265	21.9	17.8	26.8

