

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080620\
 Data File : BF121196.D
 Acq On : 6 Aug 2020 10:55
 Operator : JU/CG
 Sample : PB130683BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB130683BL

Quant Time: Aug 06 12:03:57 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 29 14:55:43 2020
 Response via : Initial Calibration

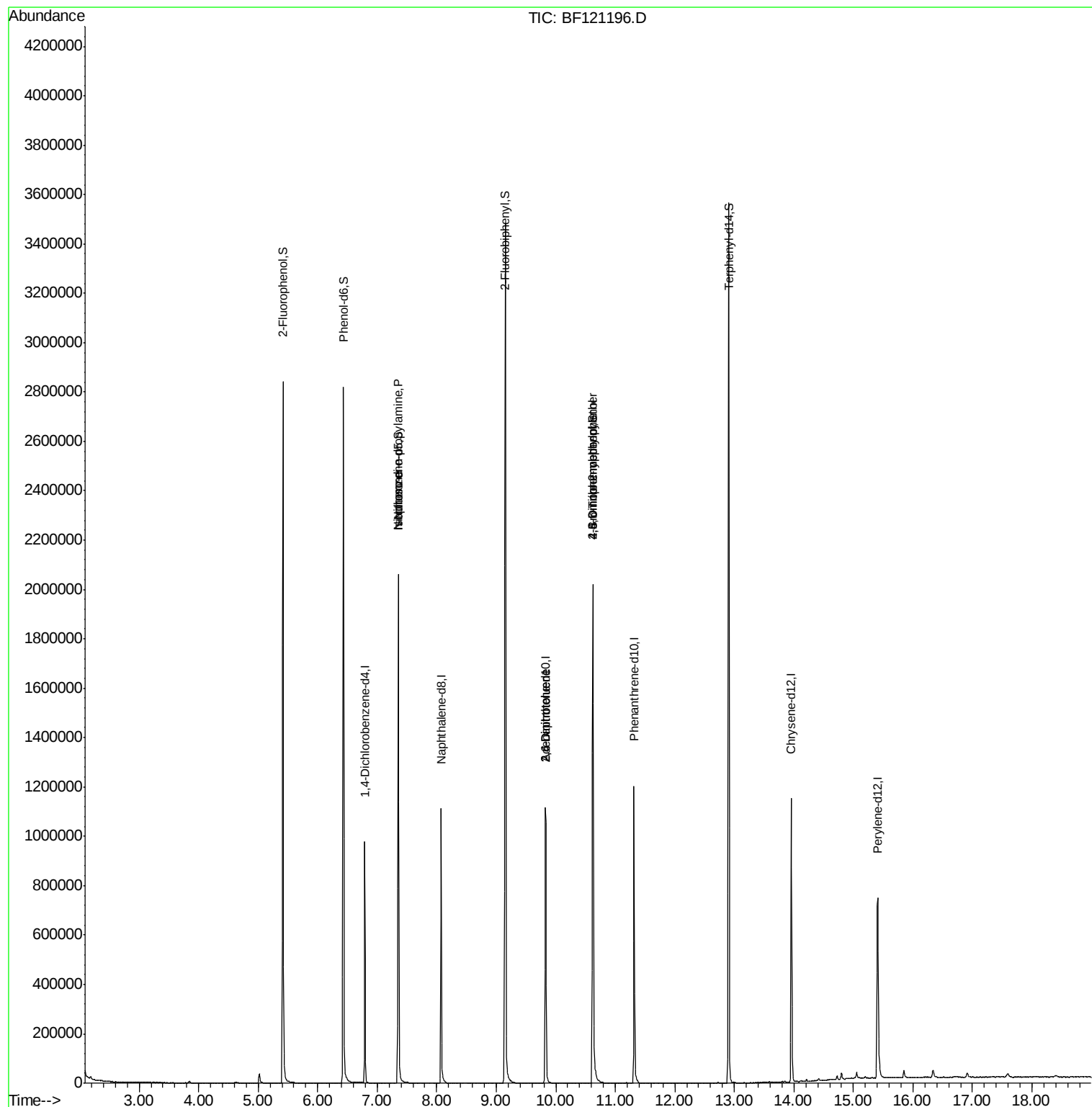
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	140336	20.00	ng	-0.01
21) Naphthalene-d8	8.07	136	540462	20.00	ng	-0.01
39) Acenaphthene-d10	9.83	164	279328	20.00	ng	-0.01
64) Phenanthrene-d10	11.32	188	536790	20.00	ng	0.00
76) Chrysene-d12	13.96	240	451827	20.00	ng	0.00
86) Perylene-d12	15.41	264	430114	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	918086	107.25	ng	0.00
7) Phenol-d6	6.43	99	1118981	101.19	ng	-0.01
23) Nitrobenzene-d5	7.36	82	760695	81.44	ng	-0.02
42) 2,4,6-Tribromophenol	10.62	330	340542	111.38	ng	-0.01
45) 2-Fluorobiphenyl	9.15	172	1376969	73.60	ng	-0.01
79) Terphenyl-d14	12.91	244	1370637	65.94	ng	0.00
Target Compounds						
9) Benzaldehyde	6.43	77	1486	Below Cal		Qvalue # 1
19) n-Nitroso-di-n-propylamine	7.36	70	97436	15.496	ng	# 78
25) Isophorone	7.36	82	750136	40.241	ng	# 62
51) 2,6-Dinitrotoluene	9.83	165	35796	8.268	ng	# 27
57) 2,4-Dinitrotoluene	9.83	165	35796	6.296	ng	# 29
65) 4,6-Dinitro-2-methylphenol	10.62	198	605	4.022	ng	# 1
67) 4-Bromophenyl-phenylether	10.62	248	19613	3.277	ng	# 1

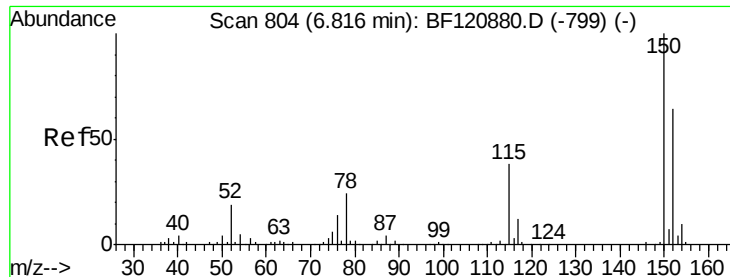
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF121196.D

Acq: 6 Aug 2020 10:55

Instrument :

BNA_F

ClientSampleId :

PB130683BL

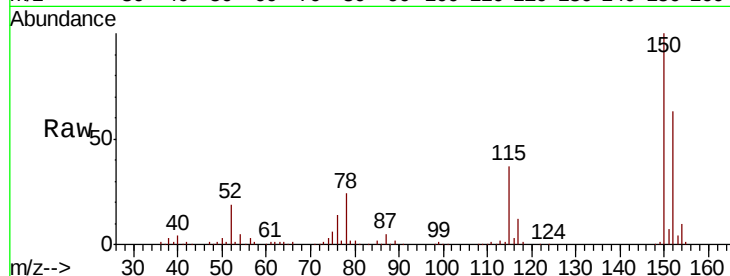
Tot Ion:152 Resp: 140336

Ion Ratio Lower Upper

152 100

150 158.5 125.6 188.4

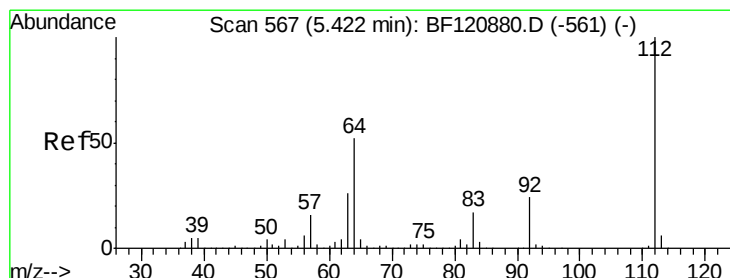
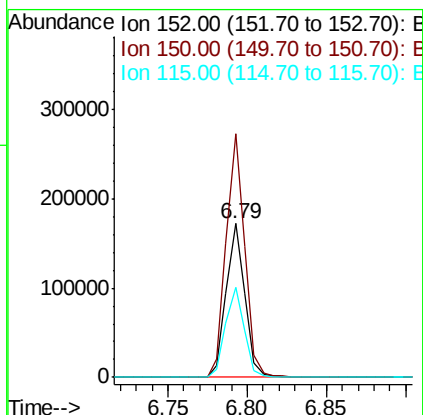
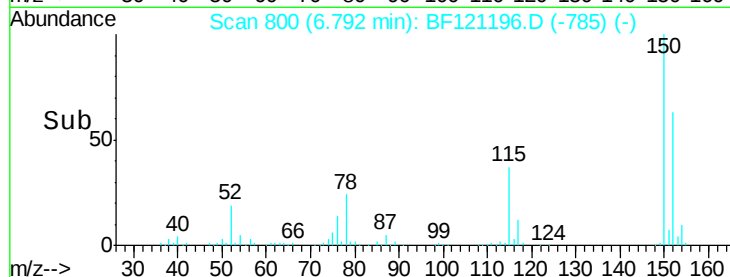
115 58.9 46.2 69.2



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: 107.248 ng

RT: 5.42 min Scan# 566

Delta R.T. 0.00 min

Lab File: BF121196.D

Acq: 6 Aug 2020 10:55

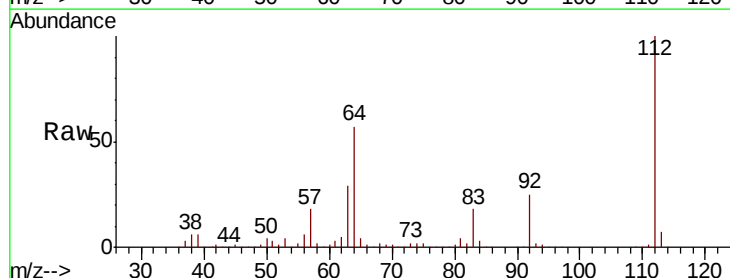
Tgt Ion:112 Resp: 918086

Ion Ratio Lower Upper

112 100

64 56.6 43.9 65.9

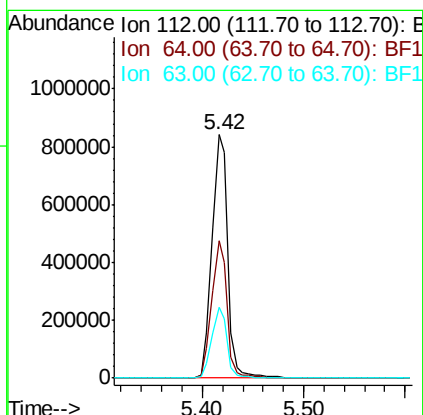
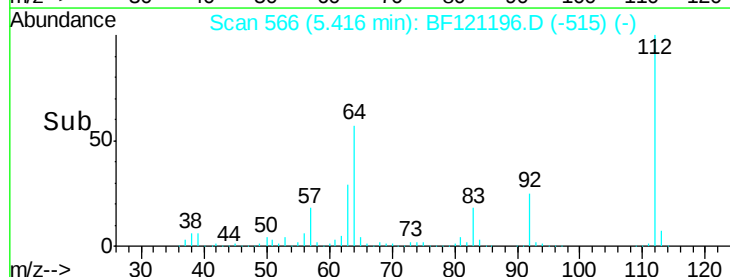
63 28.9 22.7 34.1

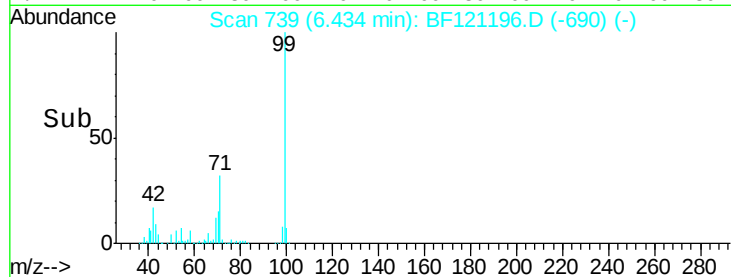
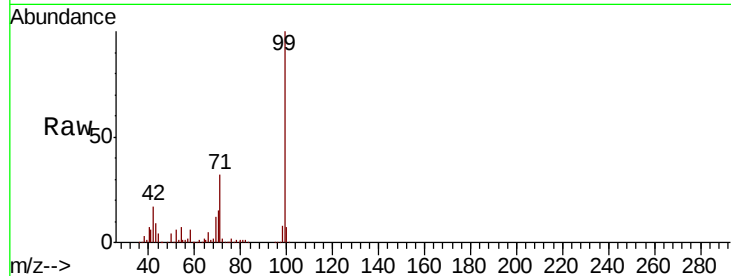


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 101.193 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF121196.D

Acq: 6 Aug 2020 10:55

Instrument :

BNA_F

ClientSampleId :

PB130683BL

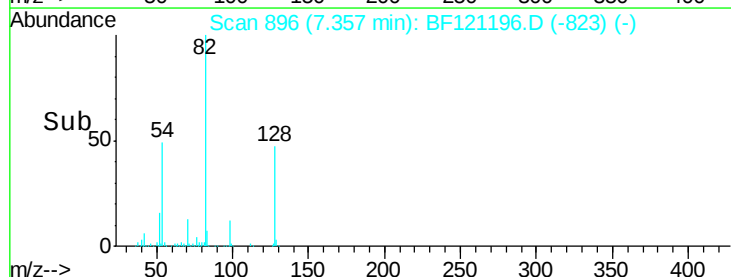
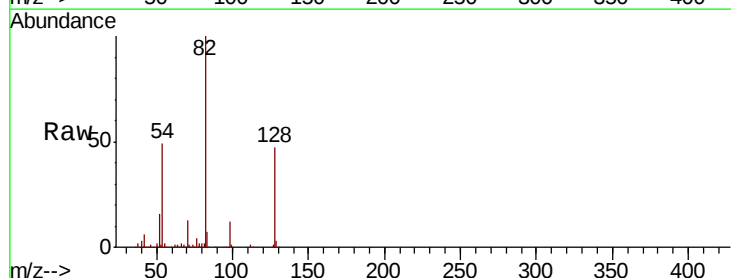
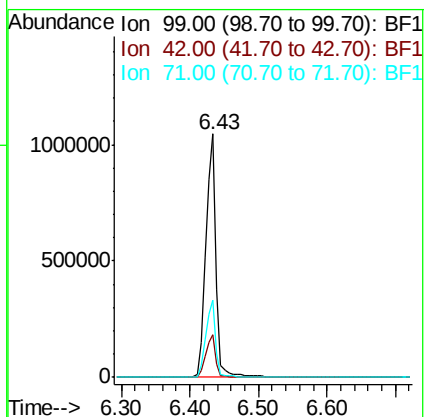
Tot Ion: 99 Resp: 1118981

Ion Ratio Lower Upper

99 100

42 17.3 13.5 20.3

71 31.5 25.0 37.4



#19

n-Nitroso-di-n-propylamine

Concen: 15.496 ng

RT: 7.36 min Scan# 896

Delta R.T. 0.13 min

Lab File: BF121196.D

Acq: 6 Aug 2020 10:55

Tgt Ion: 70 Resp: 97436

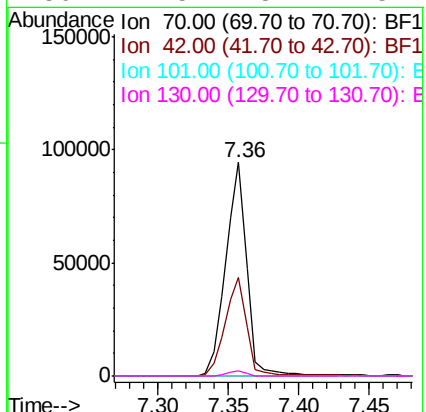
Ion Ratio Lower Upper

70 100

42 46.2 43.3 64.9

101 0.0 8.4 12.6#

130 2.5 18.7 28.1#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BF121196.D

Acq: 6 Aug 2020 10:55

Instrument :

BNA_F

ClientSampleId :

PB130683BL

Tot Ion:136 Resp: 540462

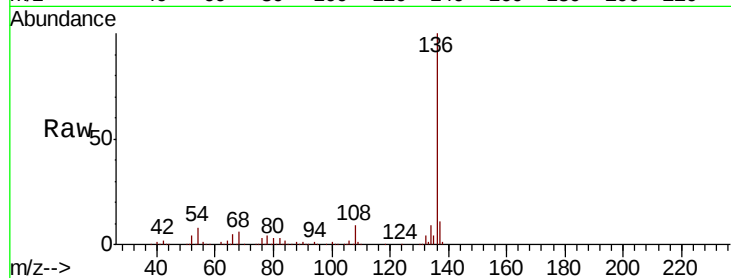
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.4

54 7.6 6.1 9.1

68 6.1 5.0 7.6

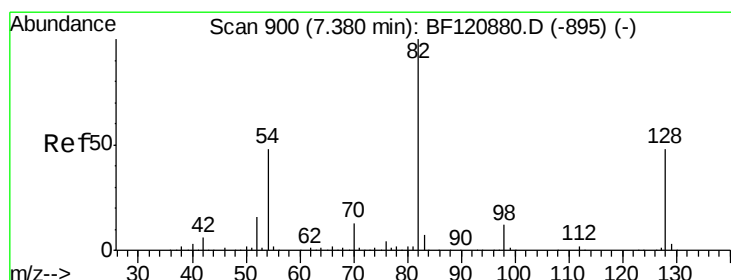
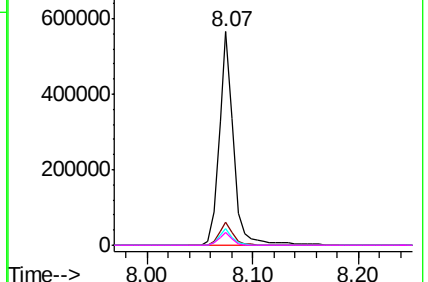
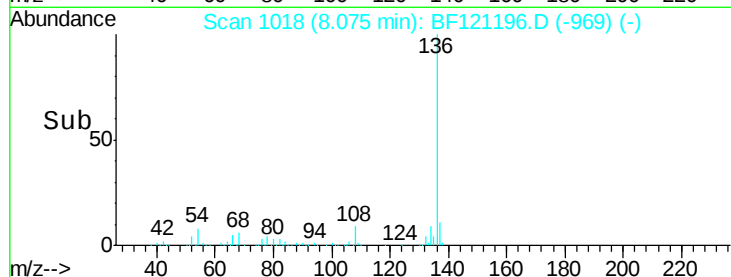


Abundance Ion 136.00 (135.70 to 136.70): E

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: 81.442 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.02 min

Lab File: BF121196.D

Acq: 6 Aug 2020 10:55

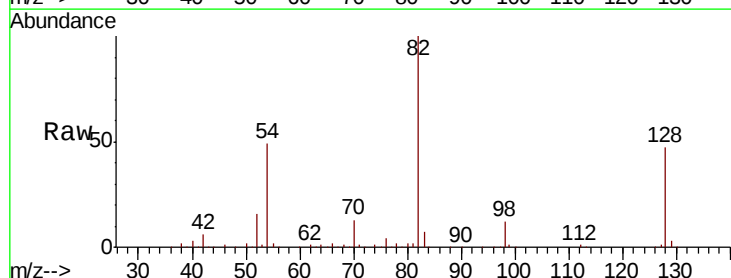
Tgt Ion: 82 Resp: 760695

Ion Ratio Lower Upper

82 100

128 47.4 39.2 58.8

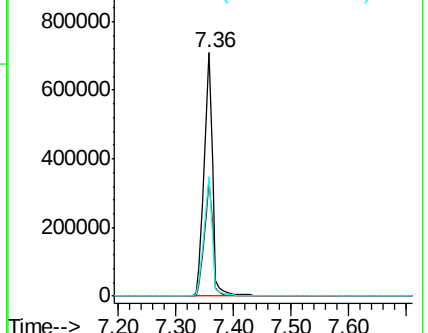
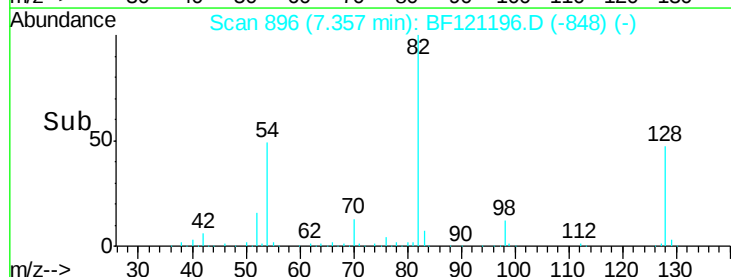
54 49.1 37.8 56.8

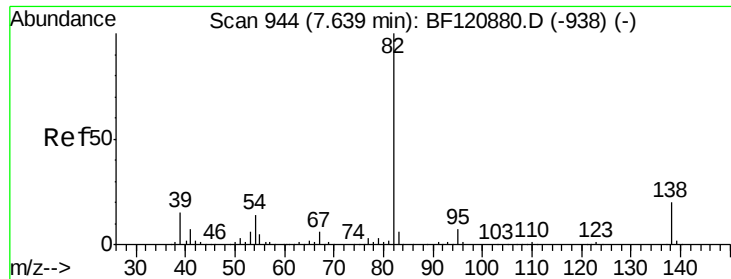


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 40.241 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.28 min

Lab File: BF121196.D

Acq: 6 Aug 2020 10:55

Instrument :

BNA_F

ClientSampleId :

PB130683BL

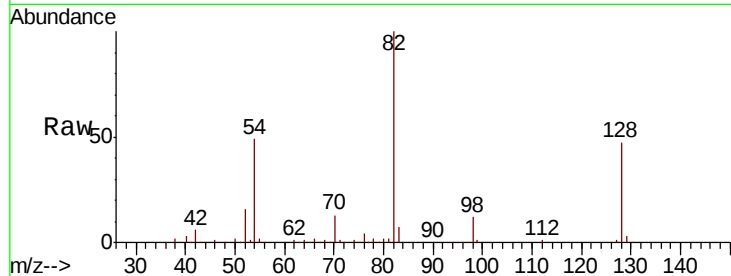
Tot Ion: 82 Resp: 750136

Ion Ratio Lower Upper

82 100

95 0.0 5.5 8.3#

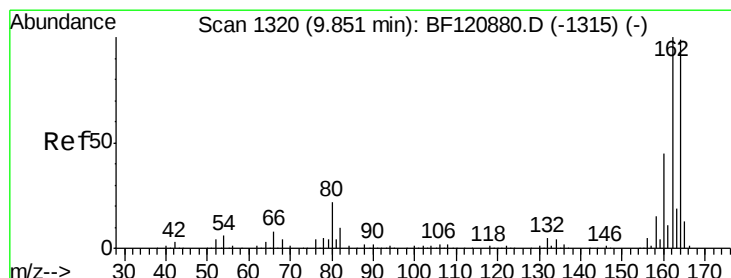
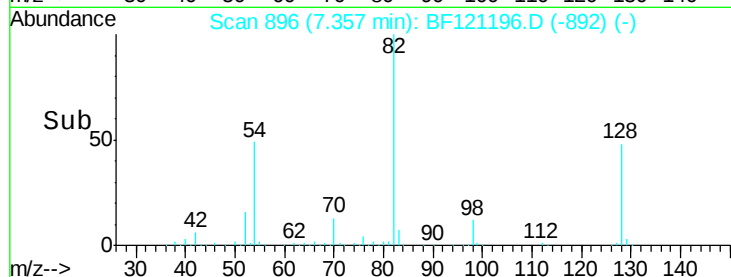
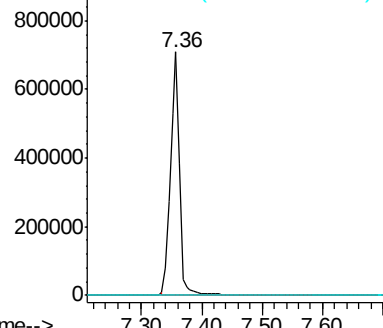
138 0.0 16.2 24.2#



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: BF121196.D

Acq: 6 Aug 2020 10:55

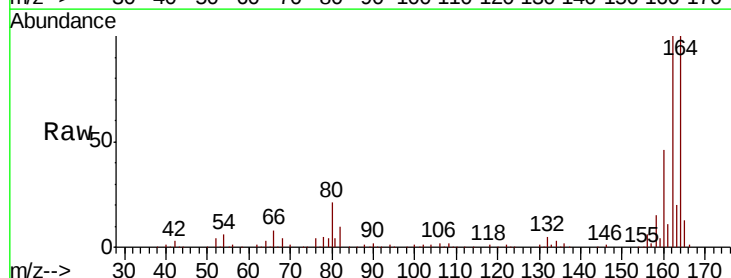
Tgt Ion:164 Resp: 279328

Ion Ratio Lower Upper

164 100

162 100.4 82.2 123.2

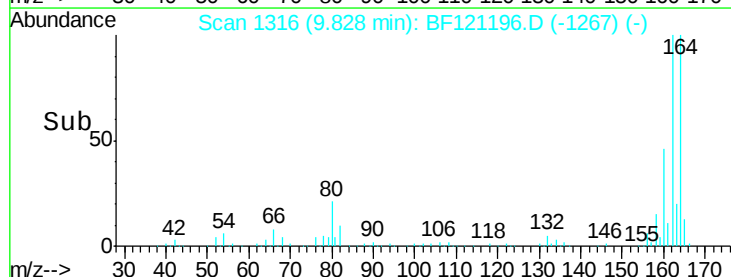
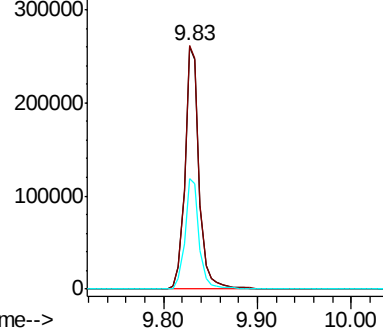
160 45.7 37.2 55.8



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: 111.378 ng

RT: 10.62 min Scan# 1451

Delta R.T. -0.01 min

Lab File: BF121196.D

Acq: 6 Aug 2020 10:55

Instrument :

BNA_F

ClientSampleId :

PB130683BL

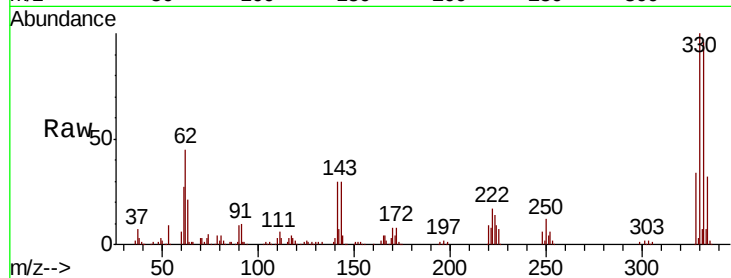
Tot Ion:330 Resp: 340542

Ion Ratio Lower Upper

330 100

332 95.5 76.1 114.1

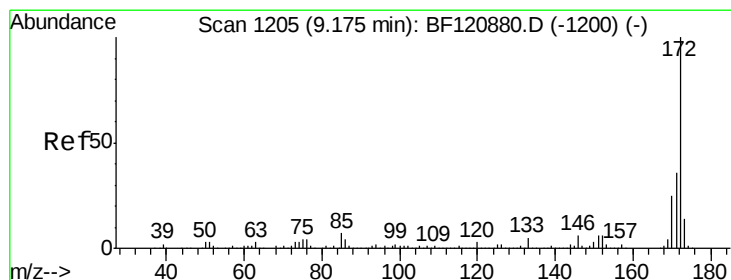
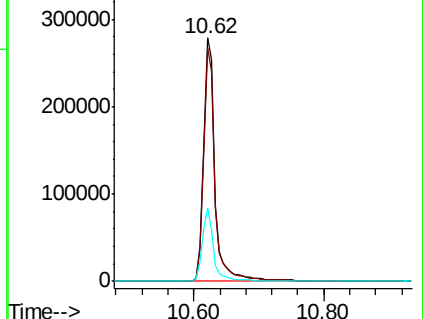
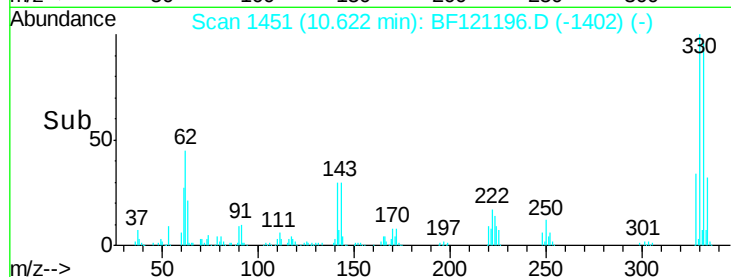
141 30.0 24.1 36.1



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: 73.601 ng

RT: 9.15 min Scan# 1201

Delta R.T. -0.01 min

Lab File: BF121196.D

Acq: 6 Aug 2020 10:55

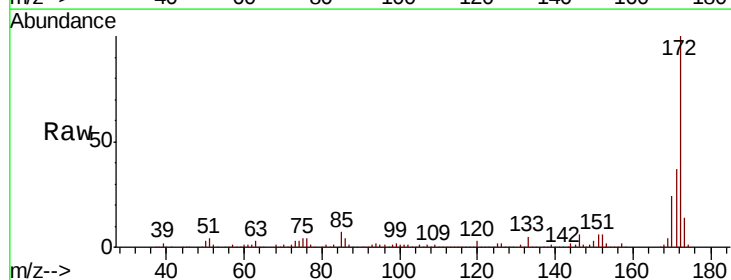
Tgt Ion:172 Resp: 1376969

Ion Ratio Lower Upper

172 100

171 36.7 29.0 43.4

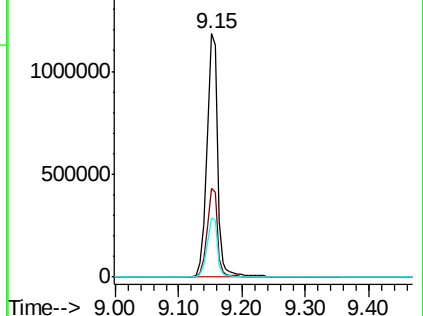
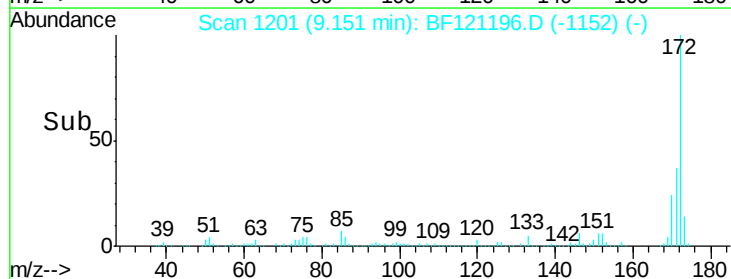
170 24.2 19.6 29.4

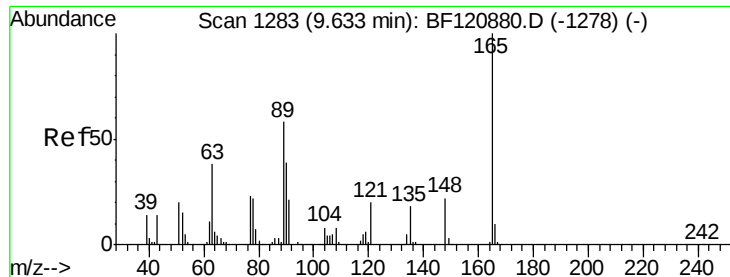


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

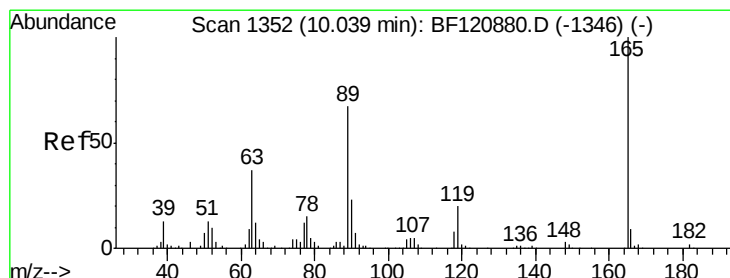
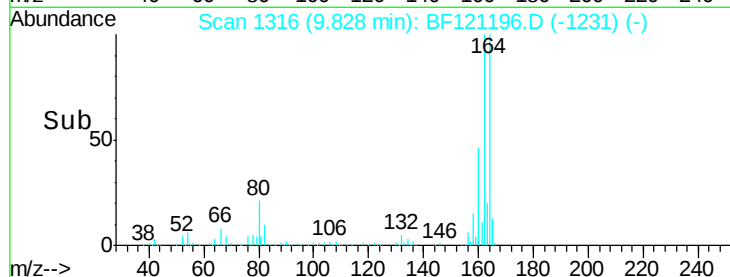
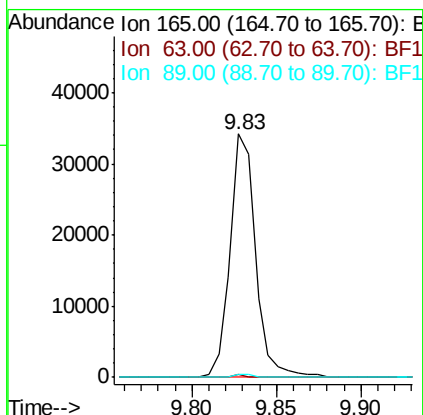
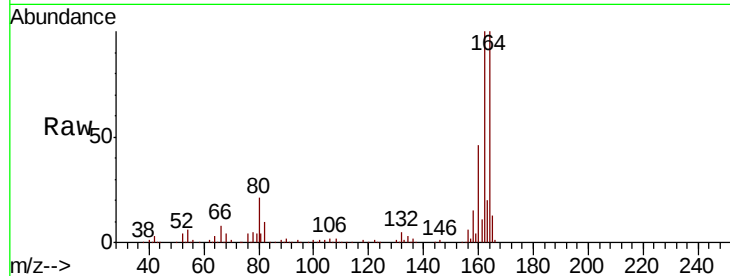




#51
 2,6-Dinitrotoluene
 Concen: 8.268 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. 0.20 min
 Lab File: BF121196.D
 Acq: 6 Aug 2020 10:55

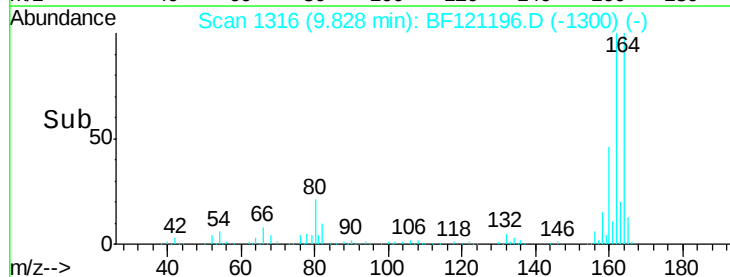
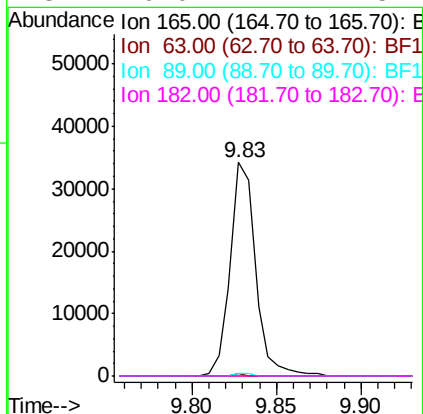
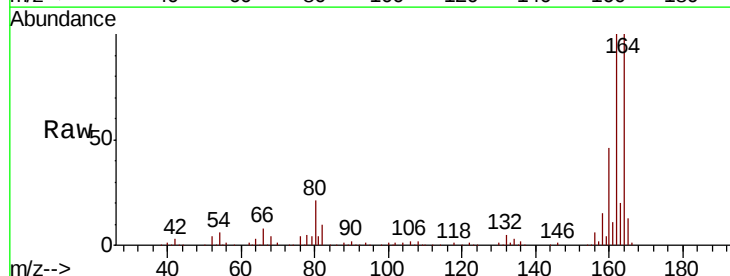
Instrument :
 BNA_F
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 PB130683BL

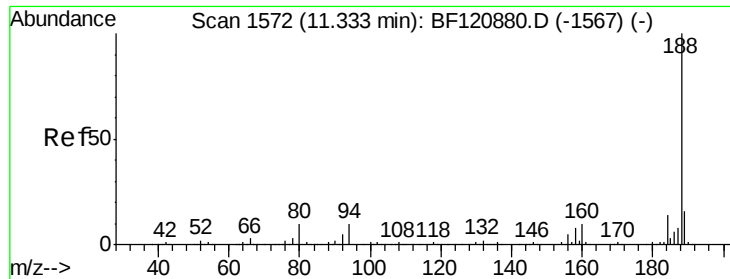
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.1	41.1	61.7#
89	1.2	43.5	65.3#



#57
 2,4-Dinitrotoluene
 Concen: 6.296 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.21 min
 Lab File: BF121196.D
 Acq: 6 Aug 2020 10:55

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	29.8	44.8#
89	1.2	50.3	75.5#
182	0.0	2.1	3.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.32 min Scan# 1569

Delta R.T. -0.01 min

Lab File: BF121196.D

Acq: 6 Aug 2020 10:55

Instrument :

BNA_F

ClientSampleId :

PB130683BL

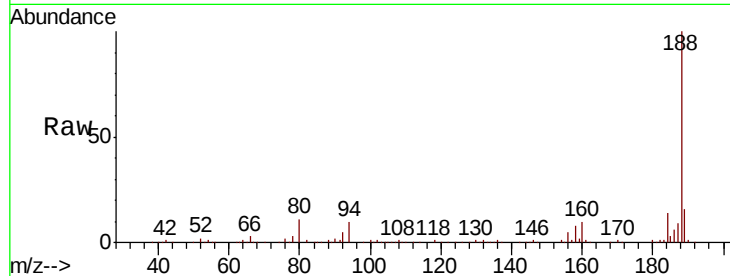
Tot Ion:188 Resp: 536790

Ion Ratio Lower Upper

188 100

94 9.7 8.0 12.0

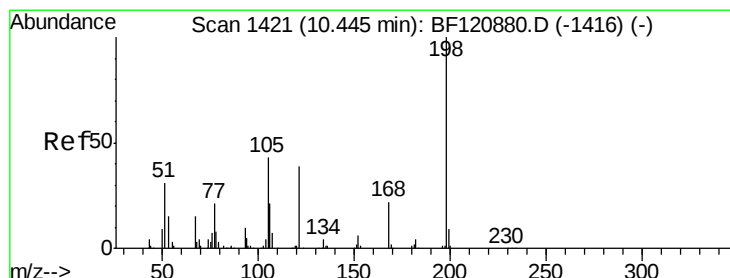
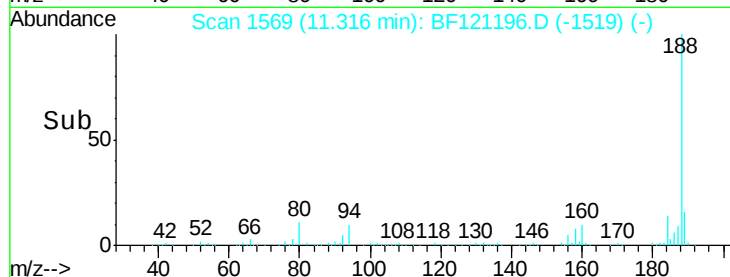
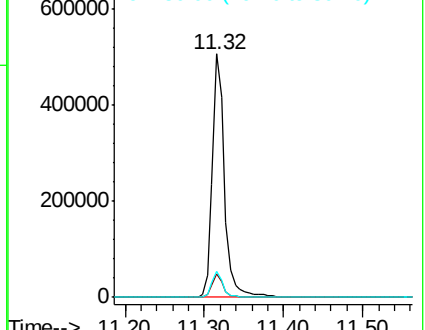
80 10.6 8.3 12.5



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



#65

4,6-Dinitro-2-methylphenol

Concen: 4.022 ng

RT: 10.62 min Scan# 1451

Delta R.T. 0.18 min

Lab File: BF121196.D

Acq: 6 Aug 2020 10:55

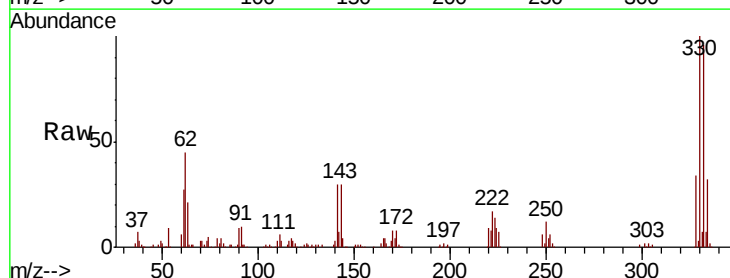
Tgt Ion:198 Resp: 605

Ion Ratio Lower Upper

198 100

51 136.7 23.4 63.4#

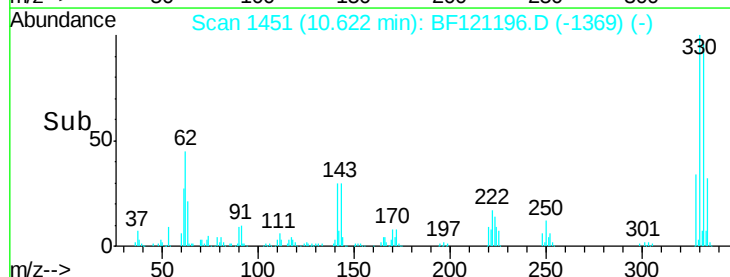
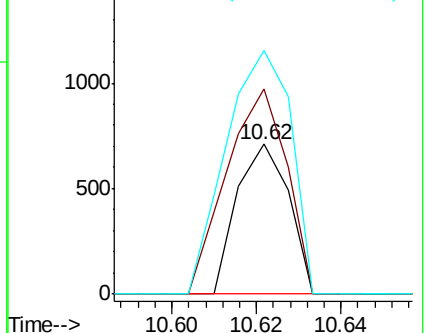
105 162.3 23.7 63.7#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

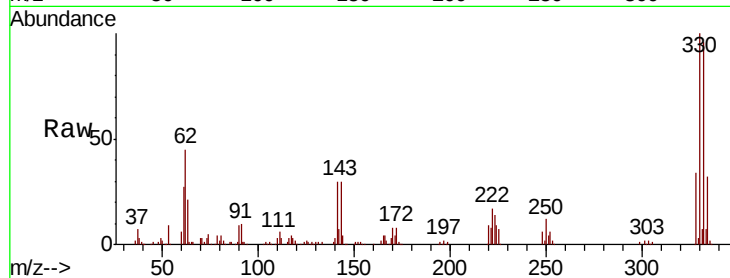




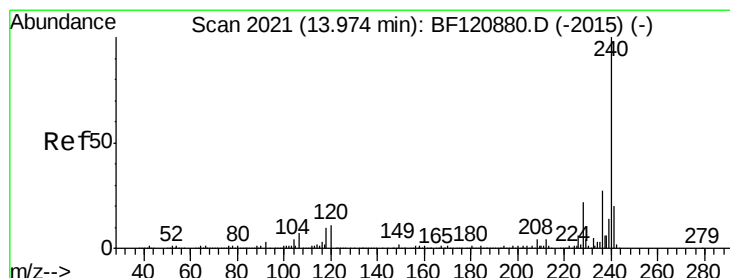
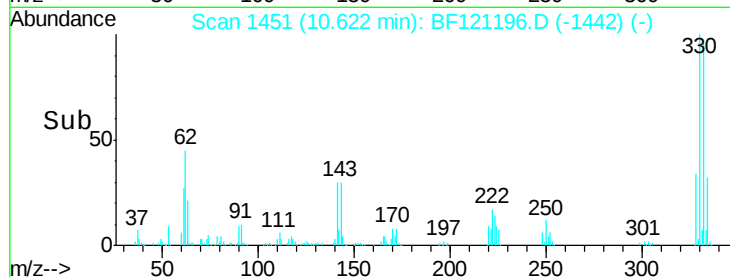
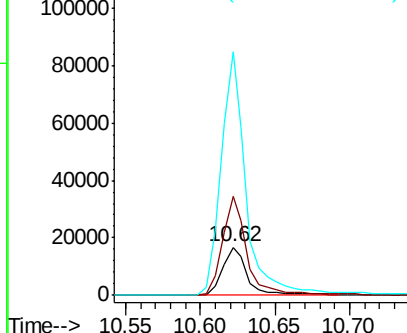
#67
4-Bromophenyl-phenylether
Concen: 3.277 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.25 min
Lab File: BF121196.D
Acq: 6 Aug 2020 10:55

Instrument :
BNA_F
ClientSampled :
PB130683BL

Tot Ion:248 Resp: 19613
Ion Ratio Lower Upper
248 100
250 206.3 77.0 115.6#
141 507.9 56.6 85.0#

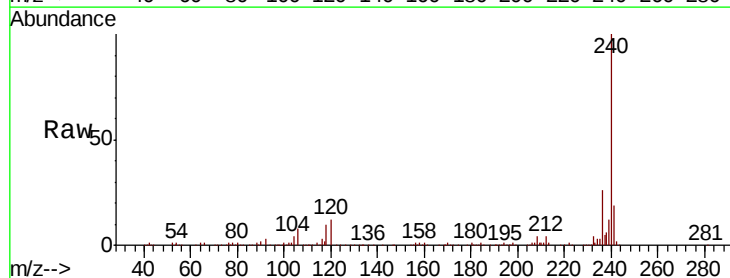


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

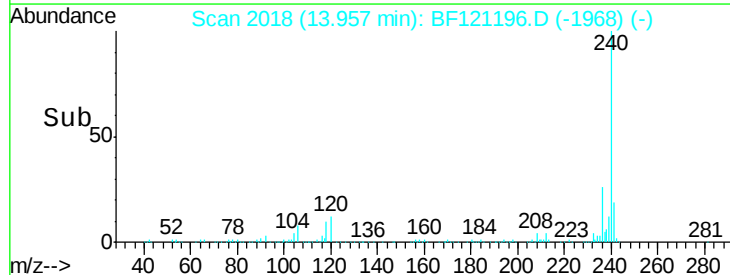
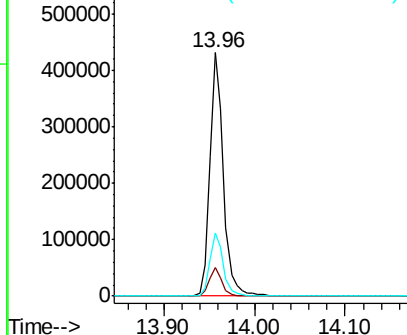


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BF121196.D
Acq: 6 Aug 2020 10:55

Tgt Ion:240 Resp: 451827
Ion Ratio Lower Upper
240 100
120 11.6 9.3 13.9
236 26.1 21.1 31.7



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



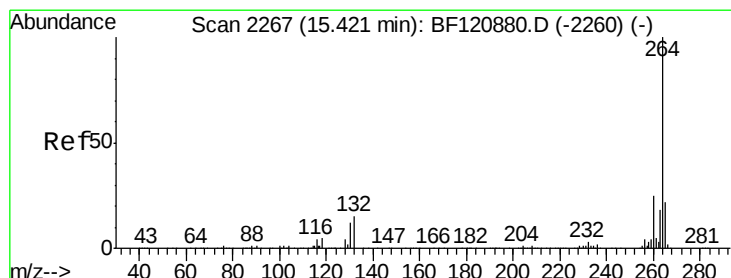
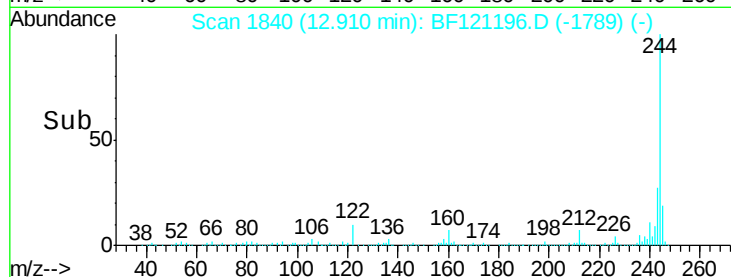
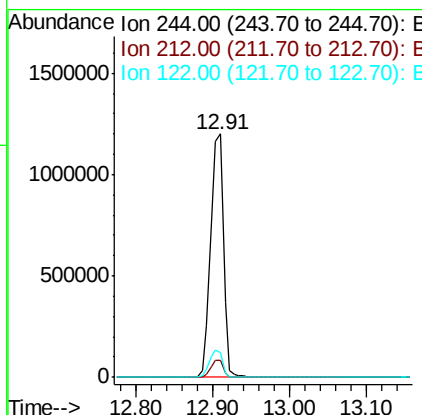
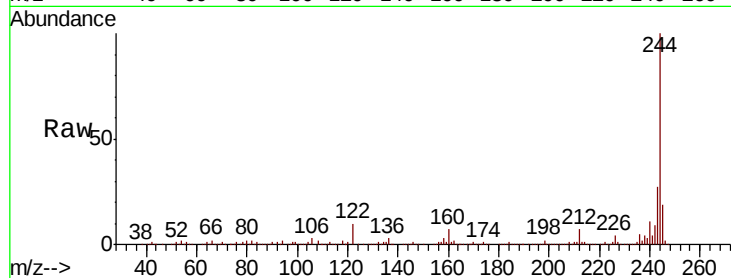


#79
 Terphenyl-d14
 Concen: 65.943 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. 0.00 min
 Lab File: BF121196.D
 Acq: 6 Aug 2020 10:55

Instrument :
 BNA_F
 ClientSampleId :
 PB130683BL

Tot Ion:244 Resp: 1370637

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.7	8.5
122	10.3	8.3	12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.41 min Scan# 2265
 Delta R.T. 0.01 min
 Lab File: BF121196.D
 Acq: 6 Aug 2020 10:55

Tgt Ion:264 Resp: 430114

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.9	29.9
265	20.8	17.8	26.8

