

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061920\
 Data File : BF120665.D
 Acq On : 19 Jun 2020 15:56
 Operator : JU/CG
 Sample : L3046-14
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ISS-B-C

Quant Time: Jun 19 16:58:53 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

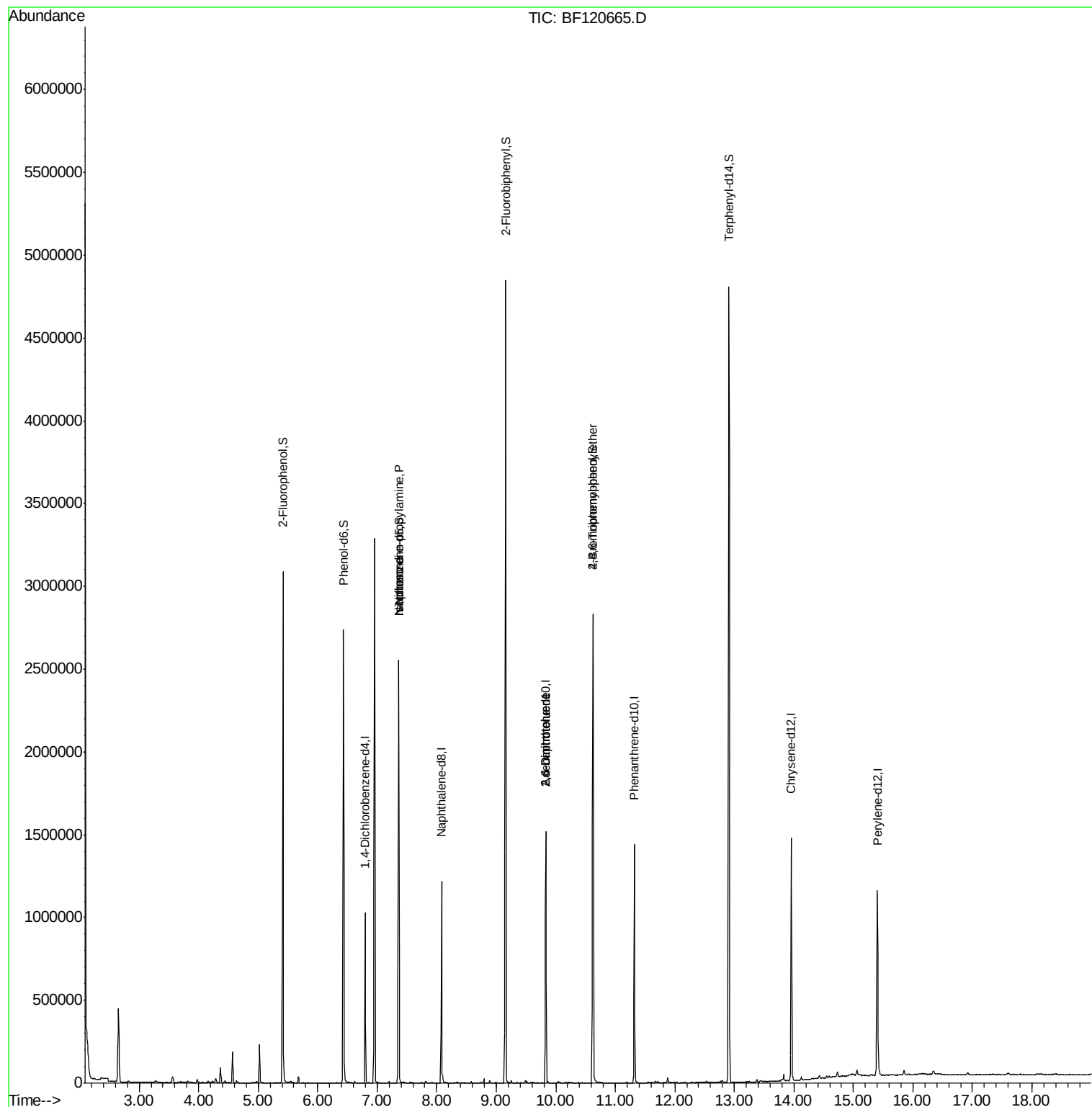
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	141183	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	540025	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	284375	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	573151	20.00	ng	0.00
76) Chrysene-d12	13.96	240	494411	20.00	ng	0.00
86) Perylene-d12	15.40	264	504893	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	909695	110.47	ng	0.00
7) Phenol-d6	6.43	99	941154	91.76	ng	0.00
23) Nitrobenzene-d5	7.36	82	840175	86.96	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	423227	128.01	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	1576097	84.80	ng	0.00
79) Terphenyl-d14	12.91	244	2002998	89.49	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.36	70	111626	18.763	ng	# 77
25) Isophorone	7.36	82	836001	44.422	ng	# 62
51) 2,6-Dinitrotoluene	9.83	165	36278	7.816	ng	# 27
57) 2,4-Dinitrotoluene	9.83	165	36278	5.890	ng	# 29
67) 4-Bromophenyl-phenylether	10.62	248	25111	3.860	ng	# 1

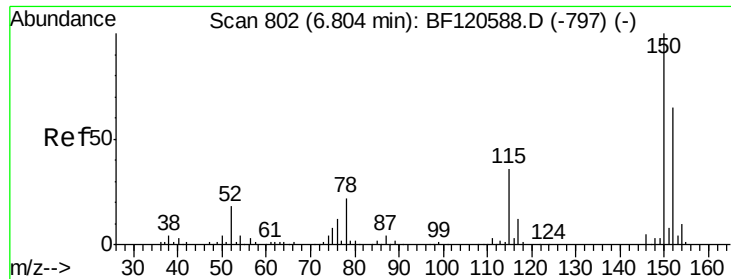
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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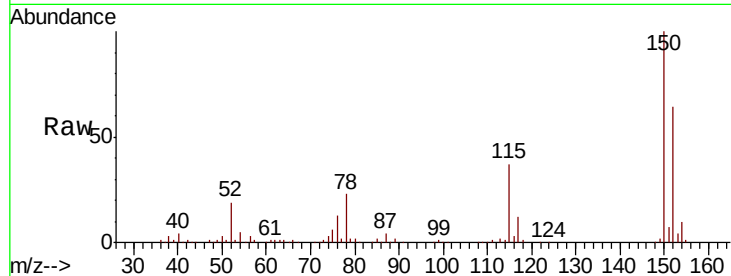


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.01 min
Lab File: BF120665.D
Acq: 19 Jun 2020 15:56

Instrument :
BNA_F
ClientSampleId :
ISS-B-C

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.1	123.2	184.8
115	57.3	43.9	65.9

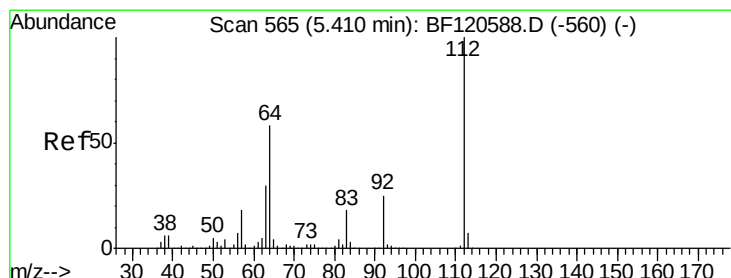
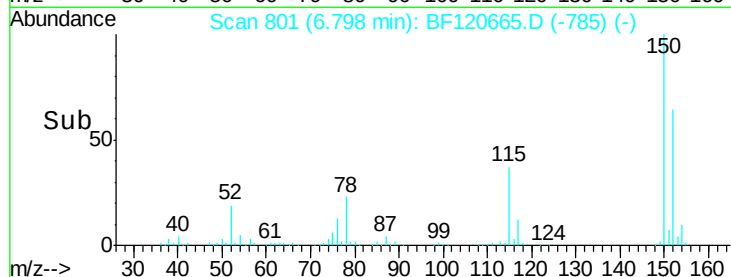
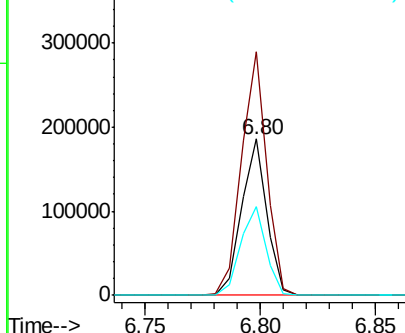


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

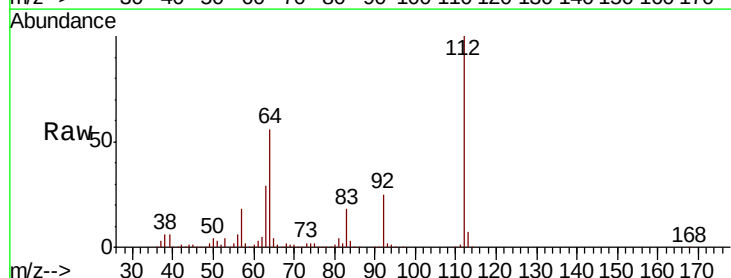
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 110.469 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.00 min
Lab File: BF120665.D
Acq: 19 Jun 2020 15:56

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.1	46.1	69.1
63	29.2	23.7	35.5

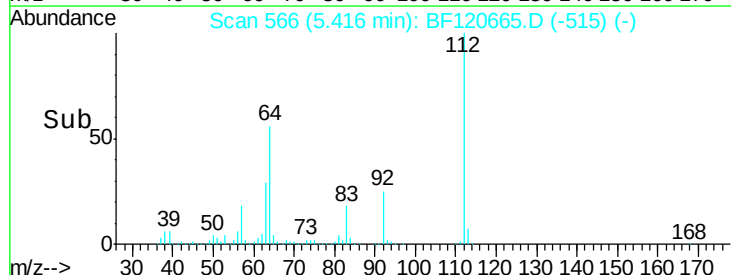
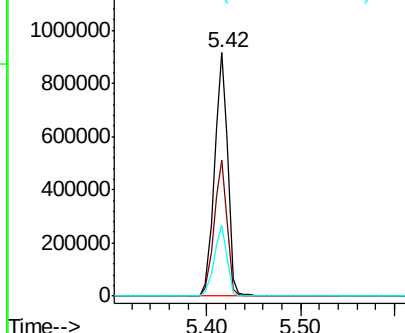


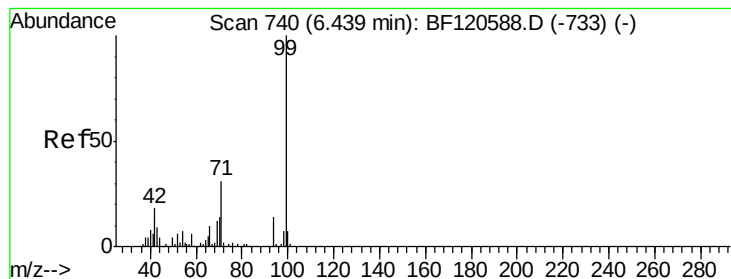
Abundance

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: 91.762 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF120665.D

Acq: 19 Jun 2020 15:56

Instrument :

BNA_F

ClientSampleId :

ISS-B-C

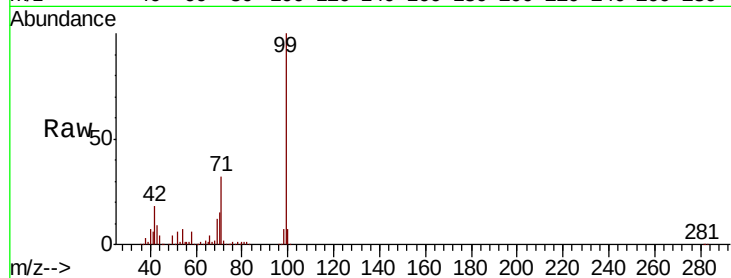
Tot Ion: 99 Resp: 941154

Ion Ratio Lower Upper

99 100

42 18.1 14.0 21.0

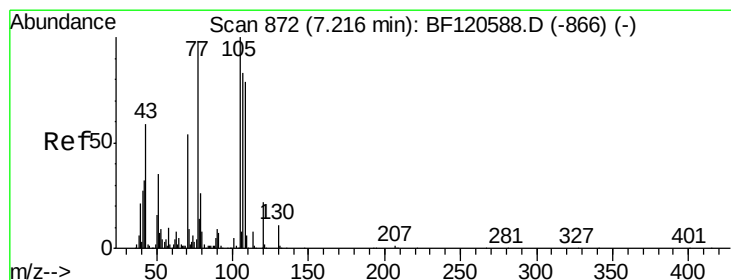
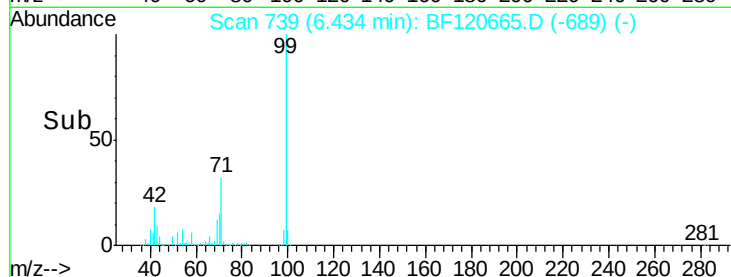
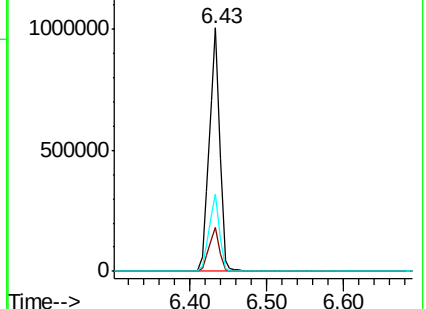
71 31.8 24.9 37.3



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#19

n-Nitroso-di-n-propylamine

Concen: 18.763 ng

RT: 7.36 min Scan# 897

Delta R.T. 0.15 min

Lab File: BF120665.D

Acq: 19 Jun 2020 15:56

Tgt Ion: 70 Resp: 111626

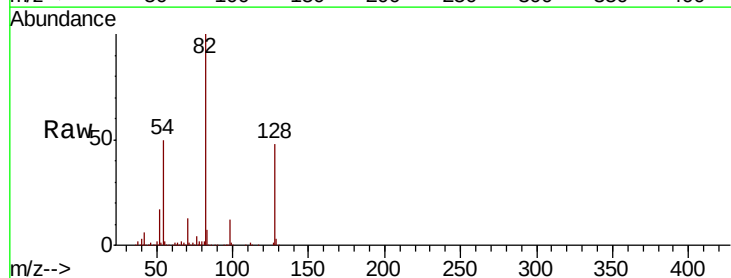
Ion Ratio Lower Upper

70 100

42 47.2 47.7 71.5#

101 0.0 7.6 11.4#

130 2.1 16.7 25.1#

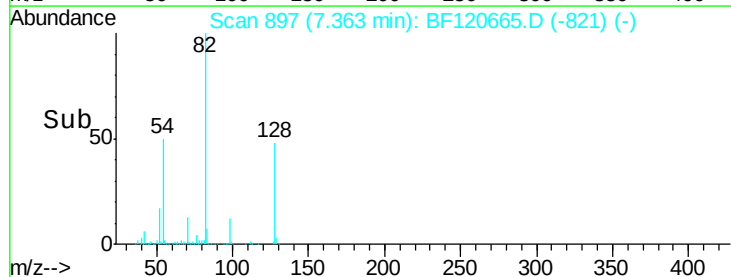
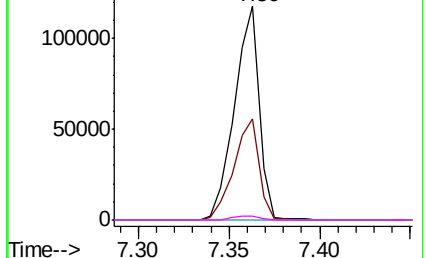


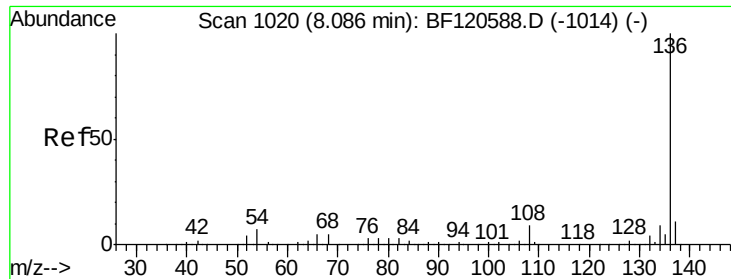
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.08 min Scan# 1019

Delta R.T. -0.01 min

Lab File: BF120665.D

Acq: 19 Jun 2020 15:56

Instrument :

BNA_F

ClientSampleId :

ISS-B-C

Tot Ion:136 Resp: 540025

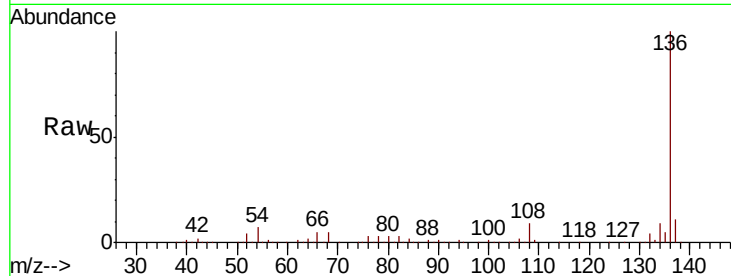
Ion Ratio Lower Upper

136 100

137 11.1 8.6 13.0

54 7.0 5.8 8.6

68 5.5 4.4 6.6

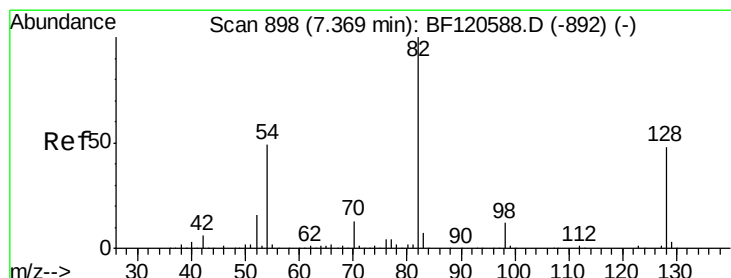
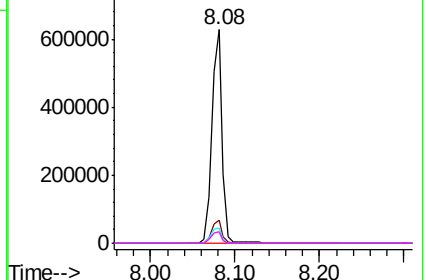
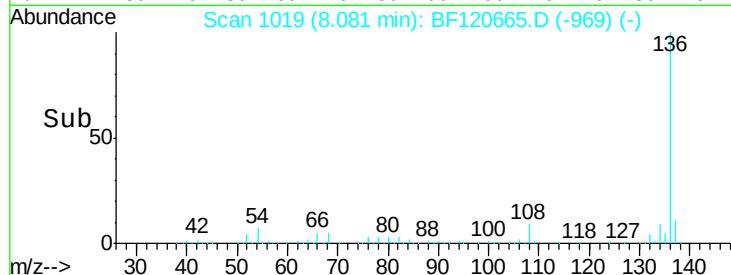


Abundance Ion 136.00 (135.70 to 136.70): E

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: 86.965 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.01 min

Lab File: BF120665.D

Acq: 19 Jun 2020 15:56

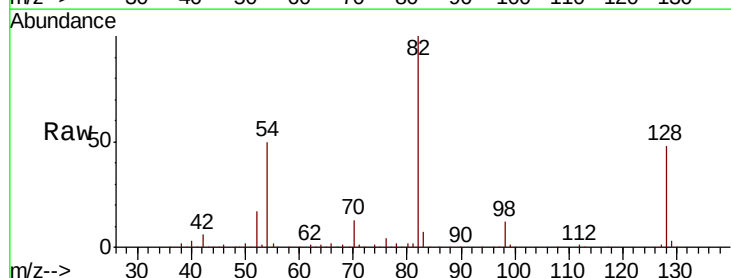
Tgt Ion: 82 Resp: 840175

Ion Ratio Lower Upper

82 100

128 47.6 38.0 57.0

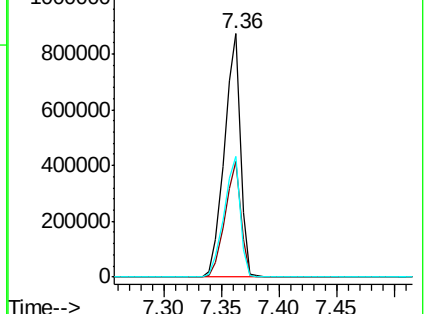
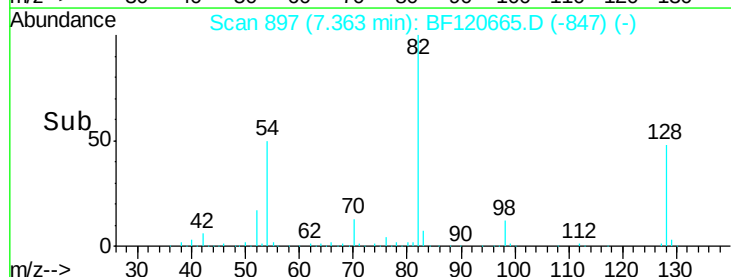
54 49.6 38.8 58.2

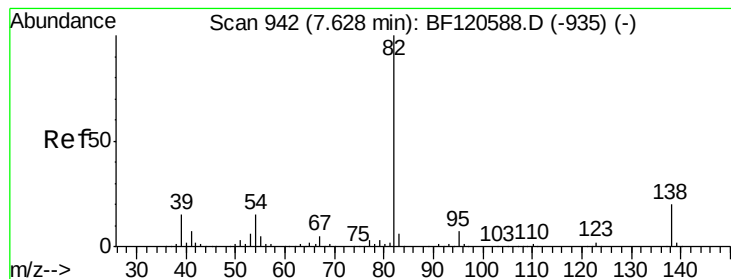


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 44.422 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.26 min

Lab File: BF120665.D

Acq: 19 Jun 2020 15:56

Instrument :

BNA_F

ClientSampleId :

ISS-B-C

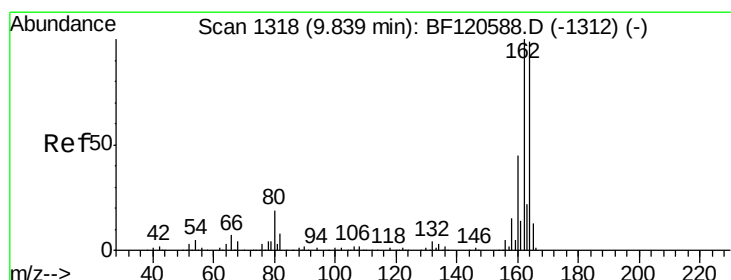
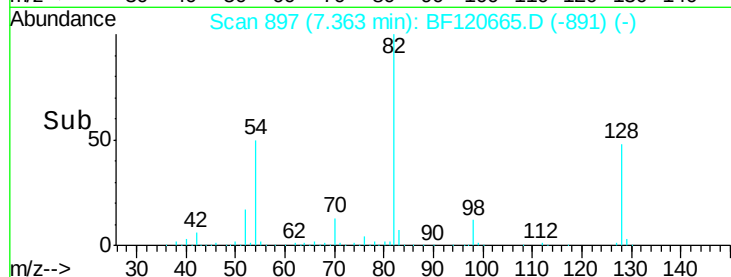
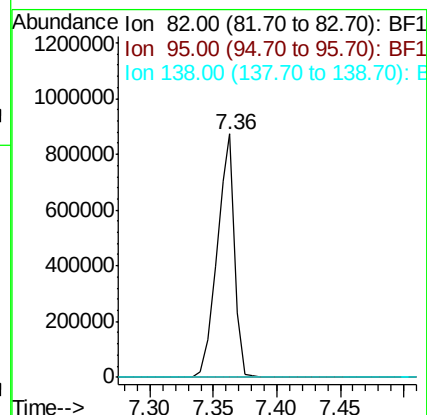
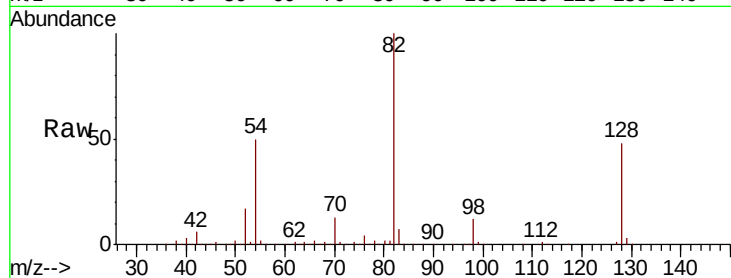
Tot Ion: 82 Resp: 836001

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

138 0.0 16.2 24.4#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.83 min Scan# 1317

Delta R.T. -0.01 min

Lab File: BF120665.D

Acq: 19 Jun 2020 15:56

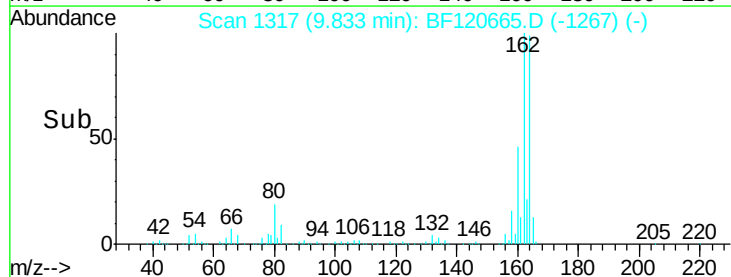
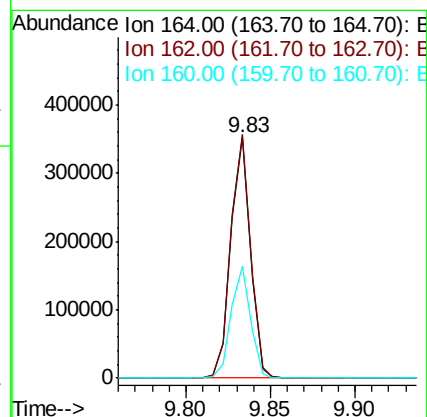
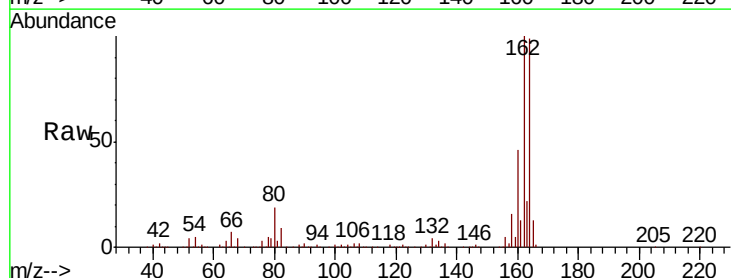
Tgt Ion: 164 Resp: 284375

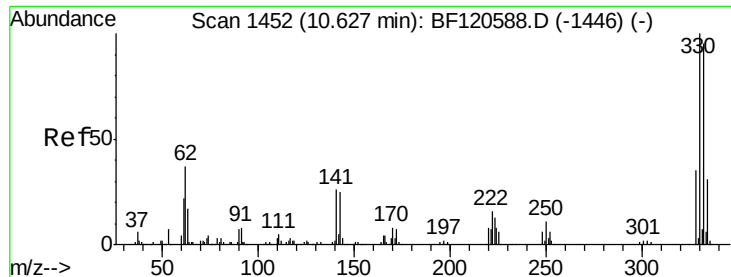
Ion Ratio Lower Upper

164 100

162 101.1 80.6 120.8

160 46.3 36.2 54.2

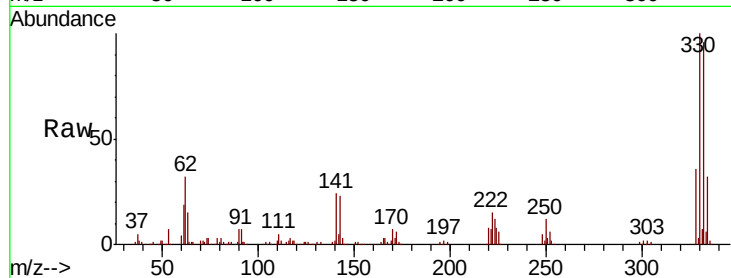




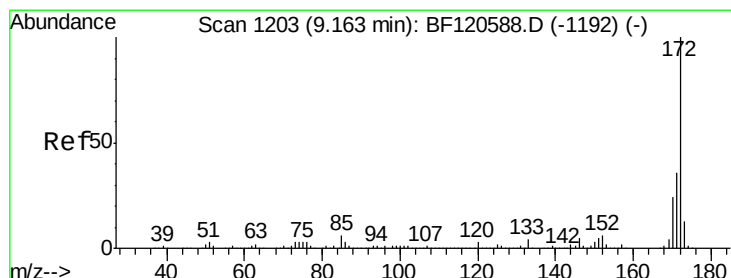
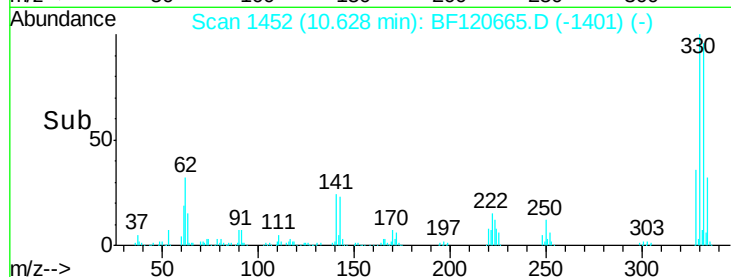
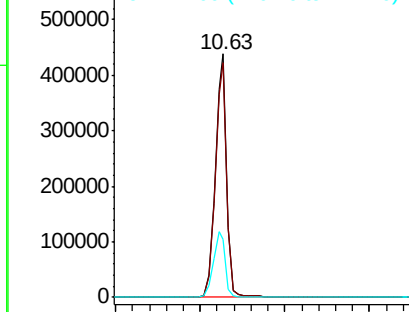
#42
 2,4,6-Tribromophenol
 Concen: 128.008 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. 0.00 min
 Lab File: BF120665.D
 Acq: 19 Jun 2020 15:56

Instrument :
 BNA_F
 ClientSampleId :
 ISS-B-C

Tot Ion:330 Resp: 423227
 Ion Ratio Lower Upper
 330 100
 332 96.6 76.8 115.2
 141 28.7 23.2 34.8

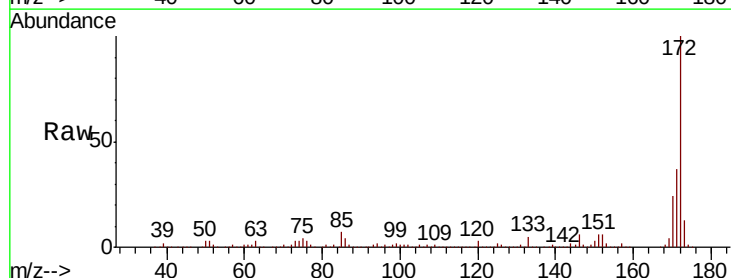


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

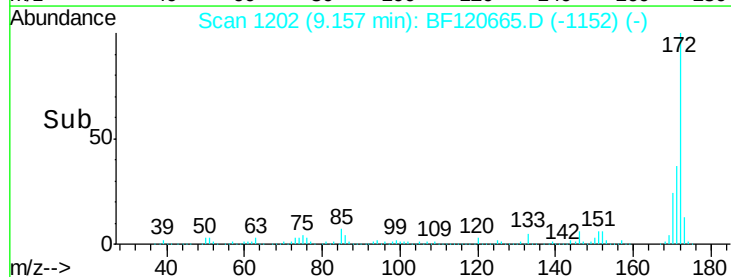
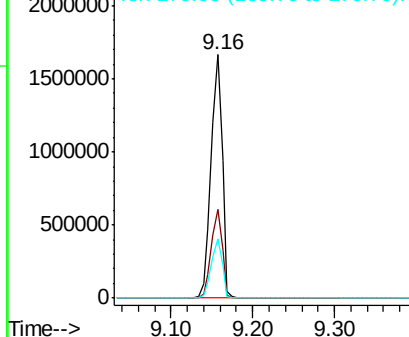


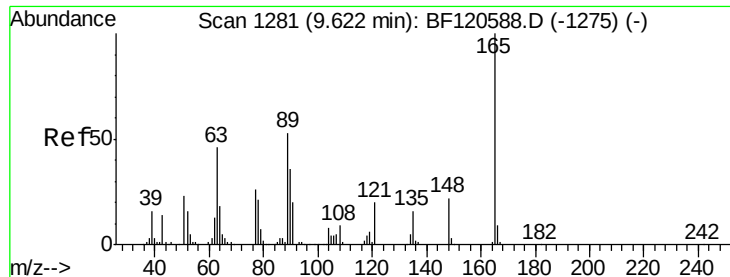
#45
 2-Fluorobiphenyl
 Concen: 84.797 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF120665.D
 Acq: 19 Jun 2020 15:56

Tgt Ion:172 Resp: 1576097
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.0 43.4
 170 24.2 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





#51

2,6-Dinitrotoluene

Concen: 7.816 ng

RT: 9.83 min Scan# 1317

Delta R.T. 0.21 min

Lab File: BF120665.D

Acq: 19 Jun 2020 15:56

Instrument :

BNA_F

ClientSampleId :

ISS-B-C

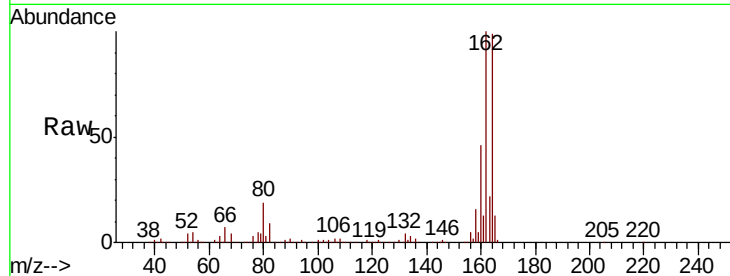
Tot Ion:165 Resp: 36278

Ion Ratio Lower Upper

165 100

63 1.1 41.7 62.5#

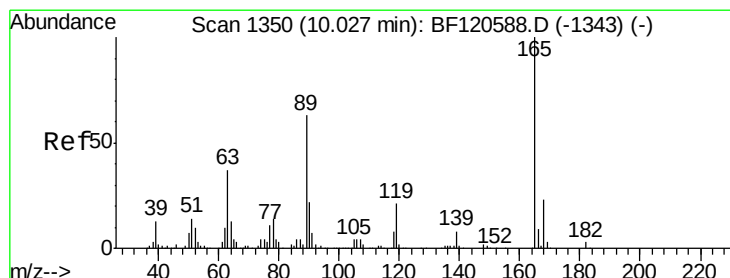
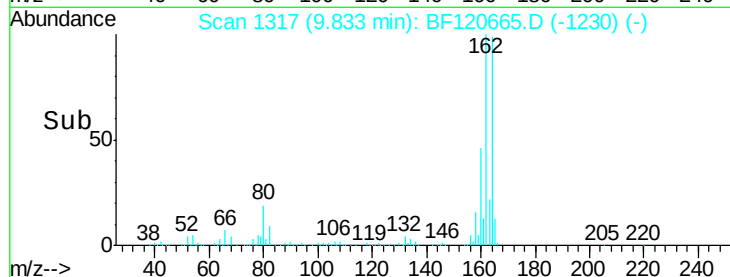
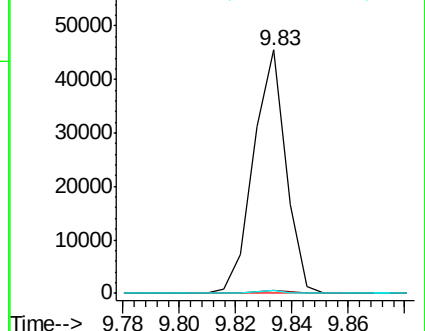
89 1.1 42.6 64.0#



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: 5.890 ng

RT: 9.83 min Scan# 1317

Delta R.T. -0.19 min

Lab File: BF120665.D

Acq: 19 Jun 2020 15:56

Tgt Ion:165 Resp: 36278

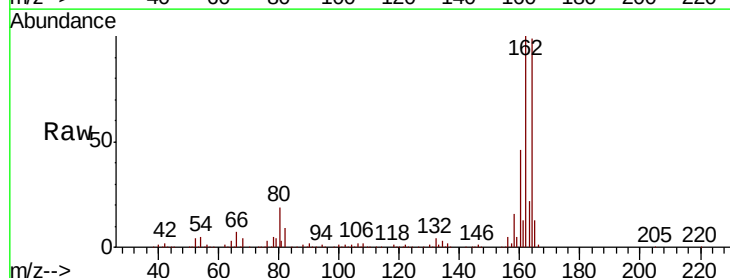
Ion Ratio Lower Upper

165 100

63 1.1 29.8 44.8#

89 1.1 50.4 75.6#

182 0.0 2.1 3.1#

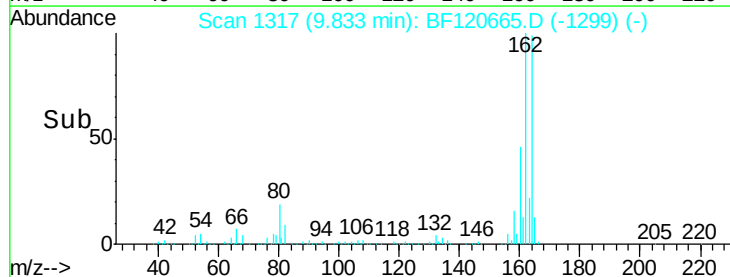
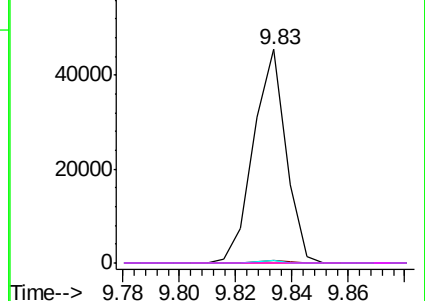


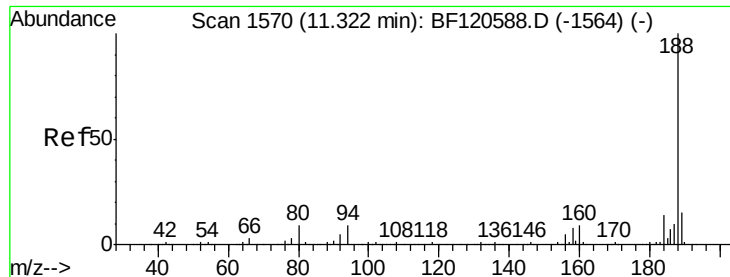
Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.32 min Scan# 1570

Delta R.T. 0.00 min

Lab File: BF120665.D

Acq: 19 Jun 2020 15:56

Instrument :

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ClientSampleId :

ISS-B-C

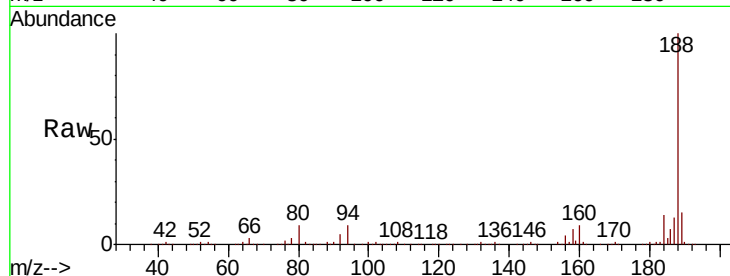
Tot Ion:188 Resp: 573151

Ion Ratio Lower Upper

188 100

94 8.5 7.2 10.8

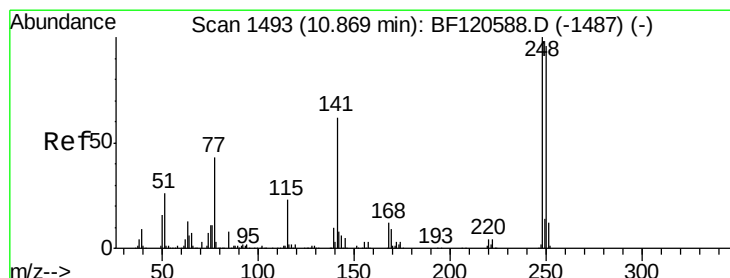
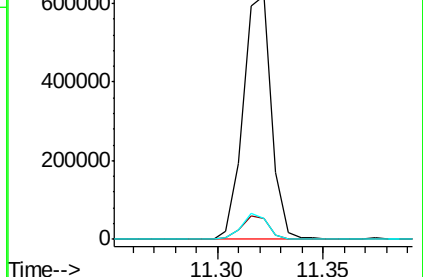
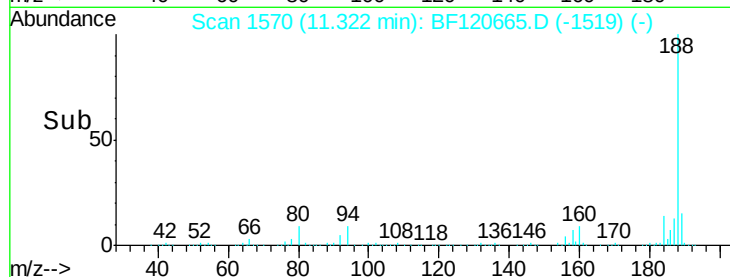
80 8.6 7.4 11.2



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: 3.860 ng

RT: 10.62 min Scan# 1451

Delta R.T. -0.25 min

Lab File: BF120665.D

Acq: 19 Jun 2020 15:56

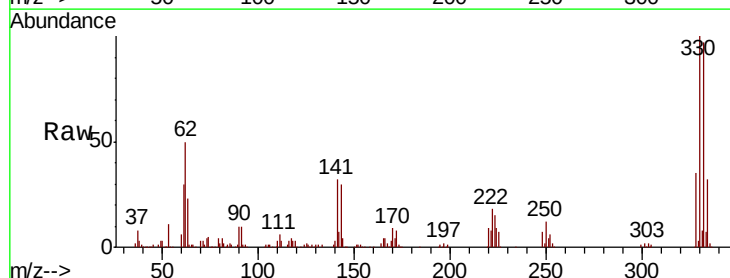
Tgt Ion:248 Resp: 25111

Ion Ratio Lower Upper

248 100

250 190.1 76.7 115.1#

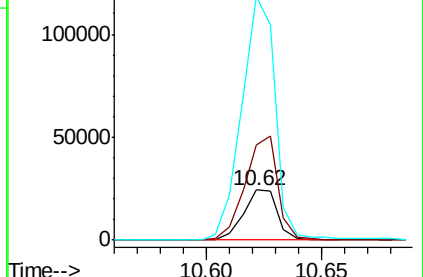
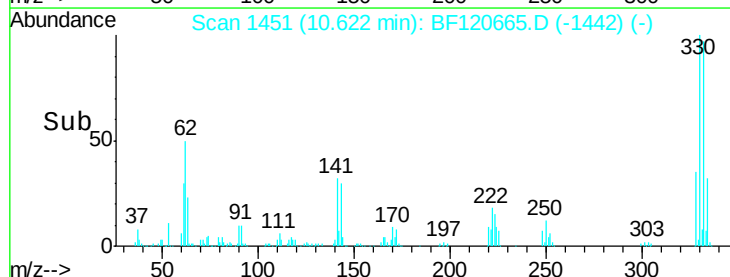
141 484.0 49.4 74.0#

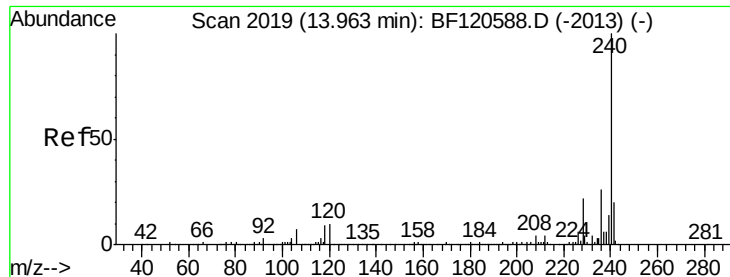


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

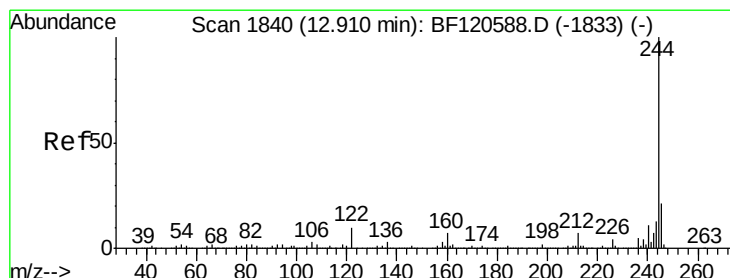
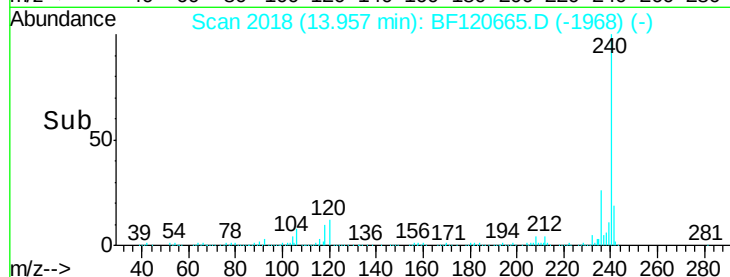
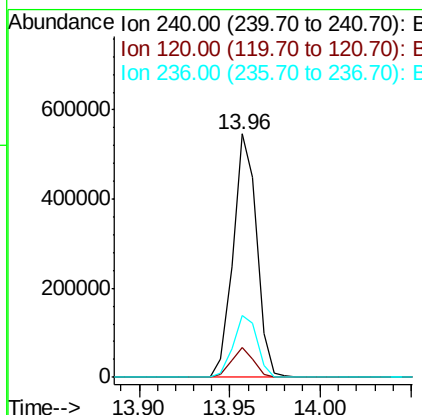
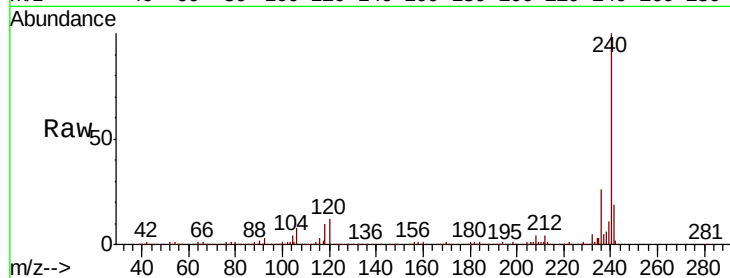




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.96 min Scan# 2018
 Delta R.T. -0.01 min
 Lab File: BF120665.D
 Acq: 19 Jun 2020 15:56

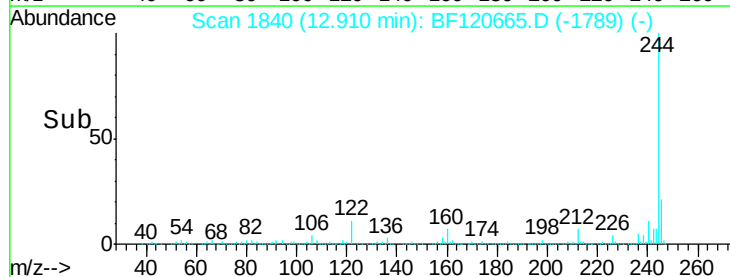
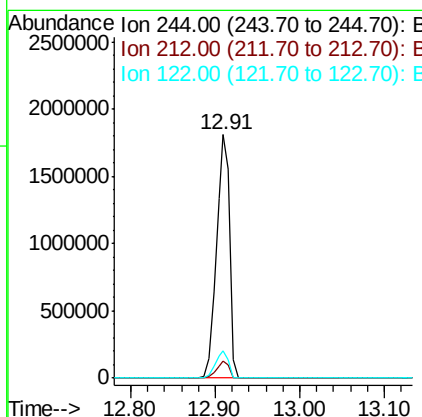
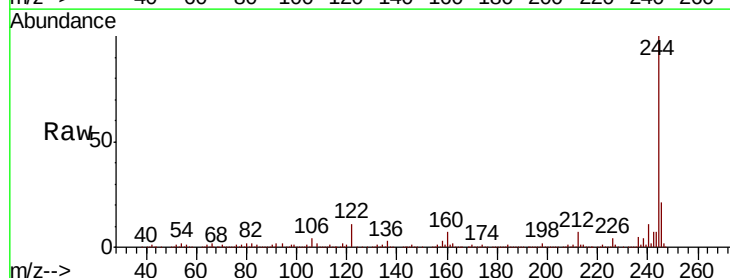
Instrument :
 BNA_F
 ClientSampleId :
 ISS-B-C

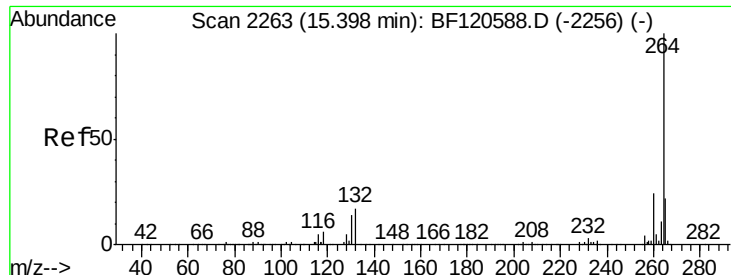
Tot Ion:240 Resp: 494411
 Ion Ratio Lower Upper
 240 100
 120 12.0 8.3 12.5
 236 25.6 21.0 31.4



#79
 Terphenyl-d14
 Concen: 89.488 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. 0.00 min
 Lab File: BF120665.D
 Acq: 19 Jun 2020 15:56

Tgt Ion:244 Resp: 2002998
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.7 8.5
 122 11.1 8.3 12.5

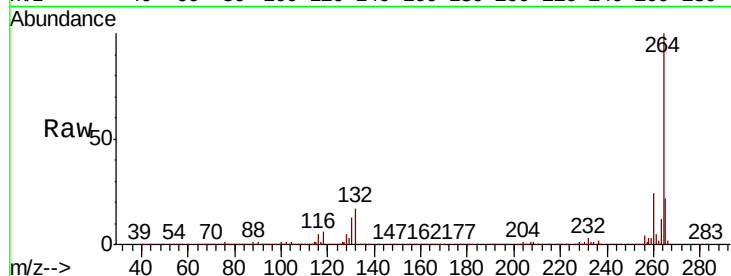




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.40 min Scan# 2264
Delta R.T. 0.01 min
Lab File: BF120665.D
Acq: 19 Jun 2020 15:56

Instrument :
BNA_F
ClientSampleId :
ISS-B-C

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	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

