

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072820\
 Data File : BF121060.D
 Acq On : 28 Jul 2020 10:18
 Operator : JU/CG
 Sample : L3435-05
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

Quant Time: Jul 28 10:40:47 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 16 14:20:32 2020
 Response via : Initial Calibration

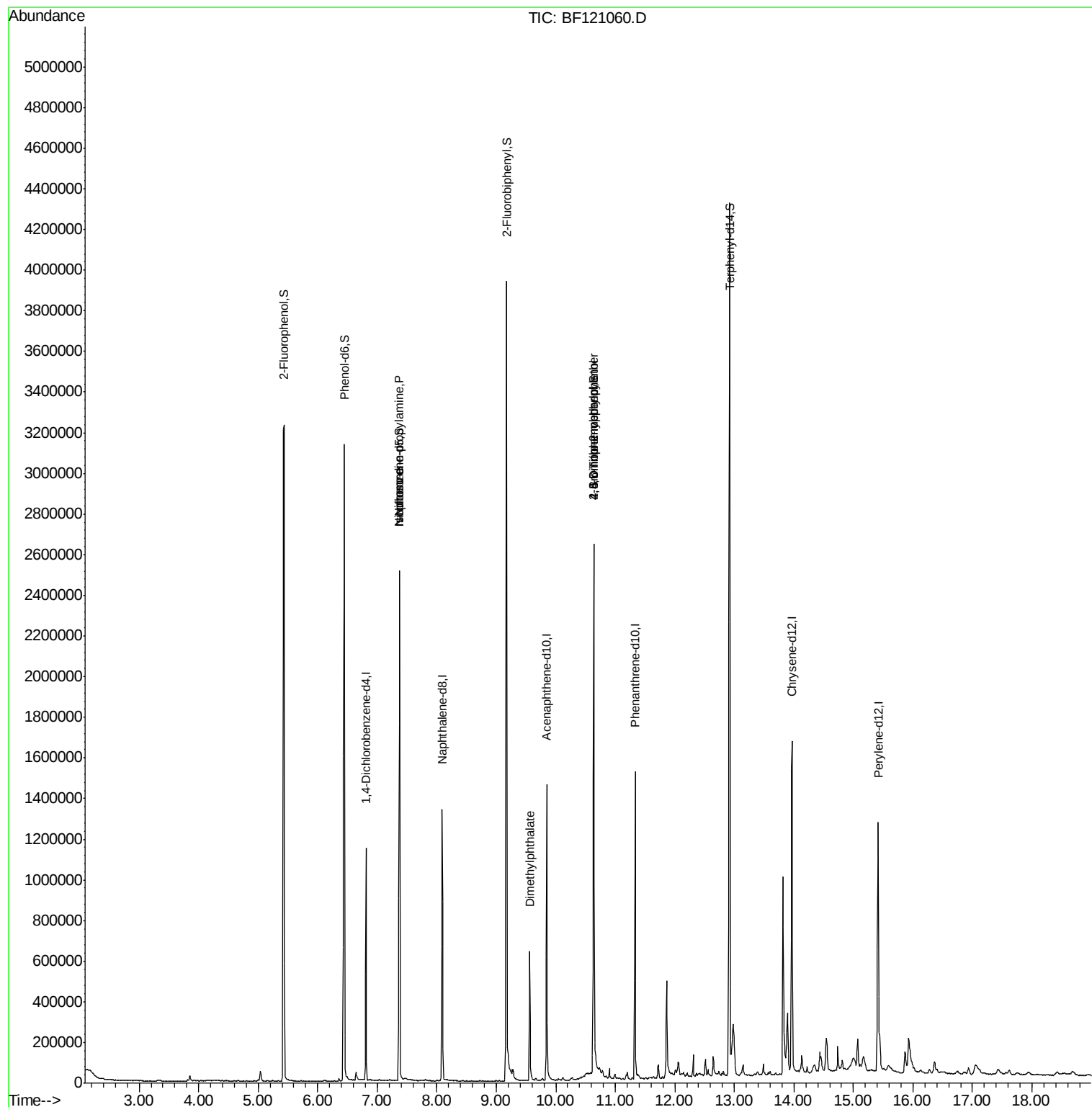
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	155355	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	580285	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	323691	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	643237	20.00	ng	0.00
76) Chrysene-d12	13.97	240	623892	20.00	ng	0.00
86) Perylene-d12	15.42	264	636543	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	1156656	122.05	ng	0.01
7) Phenol-d6	6.45	99	1451741	118.59	ng	0.00
23) Nitrobenzene-d5	7.37	82	911107	90.85	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	460171	129.88	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1675562	77.29	ng	0.00
79) Terphenyl-d14	12.92	244	1844111	64.25	ng	0.00
Target Compounds						
9) Benzaldehyde	6.36	77	2236	Below Cal		94
19) n-Nitroso-di-n-propylamine	7.37	70	121618	17.472 ng	#	77
25) Isophorone	7.37	82	908798	45.406 ng	#	63
50) Dimethylphthalate	9.56	163	263931	11.302 ng		99
65) 4,6-Dinitro-2-methylphenol	10.63	198	701	4.016 ng	#	1
67) 4-Bromophenyl-phenylether	10.64	248	26440	3.687 ng	#	1

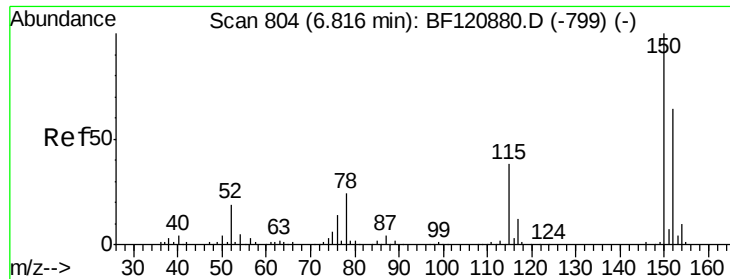
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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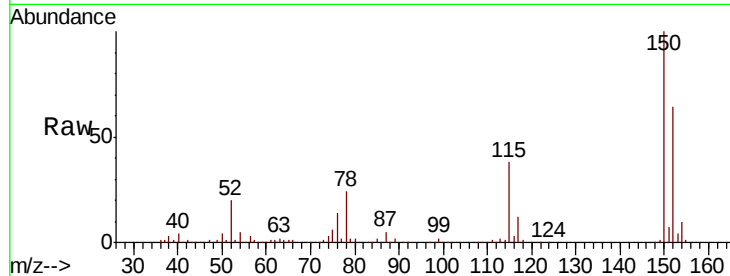


#1

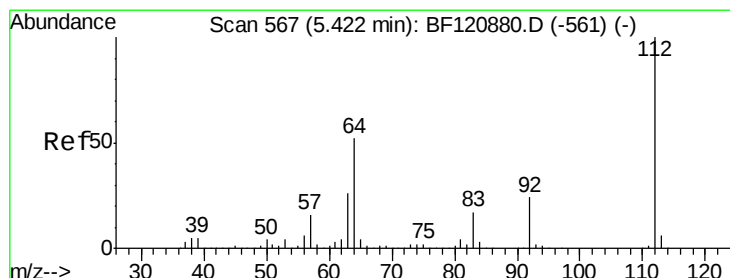
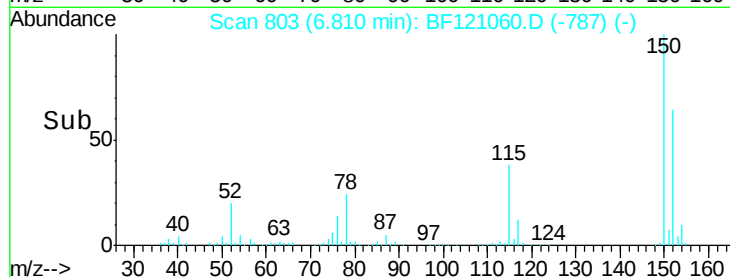
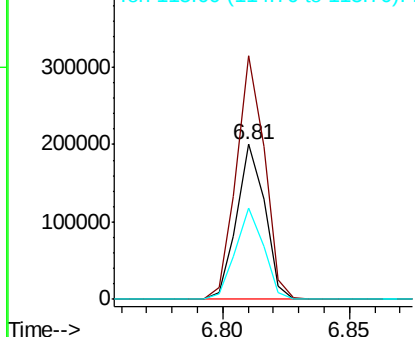
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF121060.D
Acq: 28 Jul 2020 10:18

Instrument :
BNA_F
ClientSampleId :
DFTPP

Tot Ion:152 Resp: 155355
Ion Ratio Lower Upper
152 100
150 157.0 125.0 187.6
115 59.1 47.0 70.4



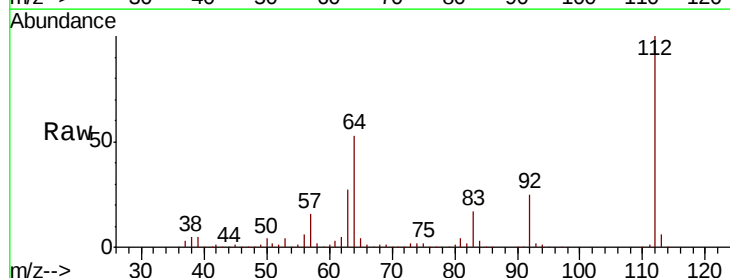
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



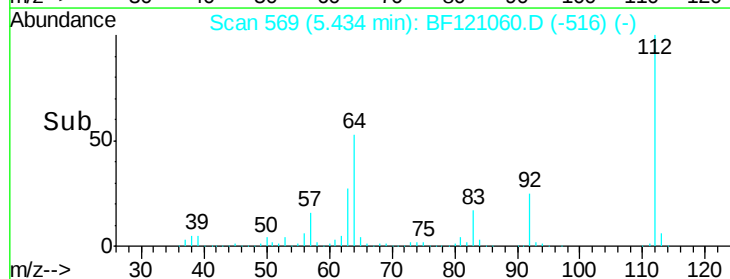
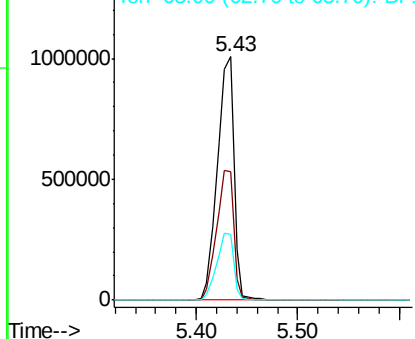
#5

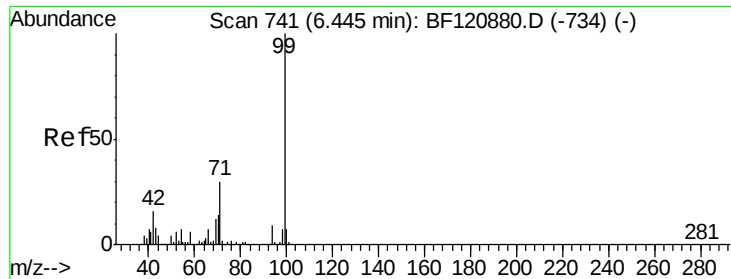
2-Fluorophenol
Concen: 122.054 ng
RT: 5.43 min Scan# 569
Delta R.T. 0.01 min
Lab File: BF121060.D
Acq: 28 Jul 2020 10:18

Tgt Ion:112 Resp: 1156656
Ion Ratio Lower Upper
112 100
64 52.7 41.3 61.9
63 27.0 21.1 31.7



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: 118.593 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF121060.D

Acq: 28 Jul 2020 10:18

Instrument :

BNA_F

ClientSampleId :

DFTPP

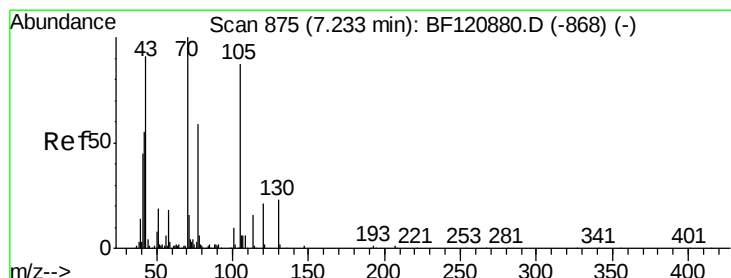
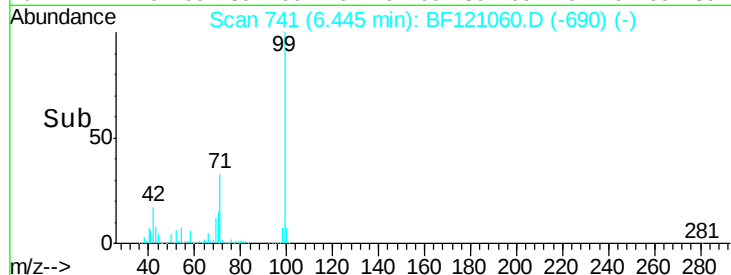
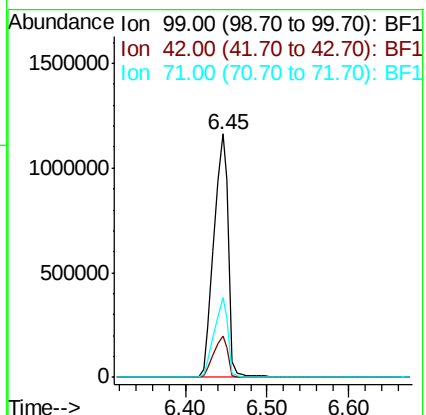
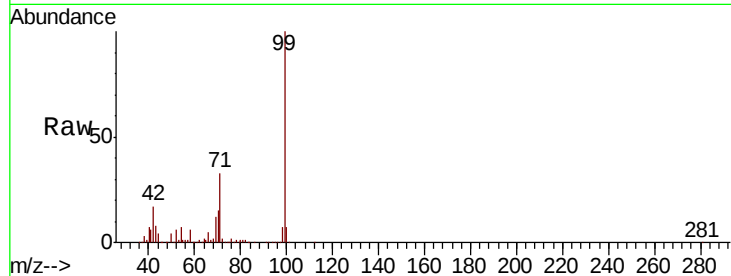
Tot Ion: 99 Resp: 1451741

Ion Ratio Lower Upper

99 100

42 16.9 13.1 19.7

71 32.6 24.2 36.4



#19

n-Nitroso-di-n-propylamine

Concen: 17.472 ng

RT: 7.37 min Scan# 899

Delta R.T. 0.14 min

Lab File: BF121060.D

Acq: 28 Jul 2020 10:18

Tgt Ion: 70 Resp: 121618

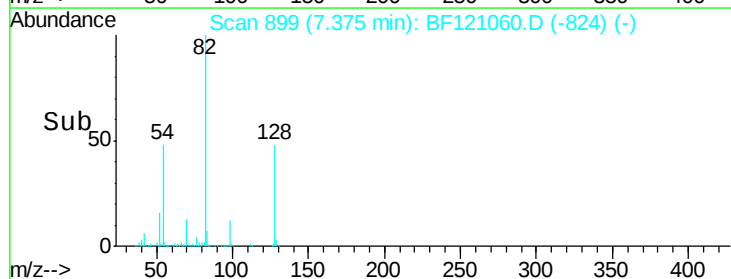
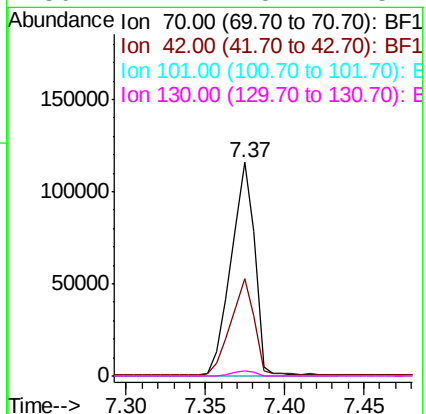
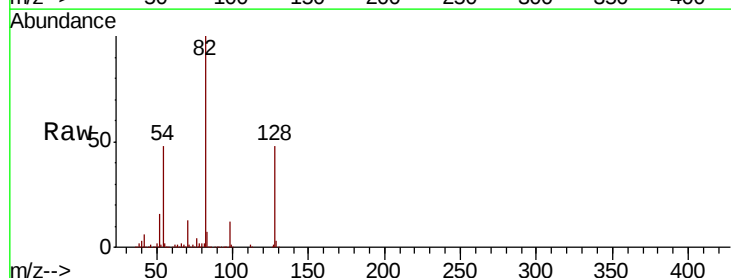
Ion Ratio Lower Upper

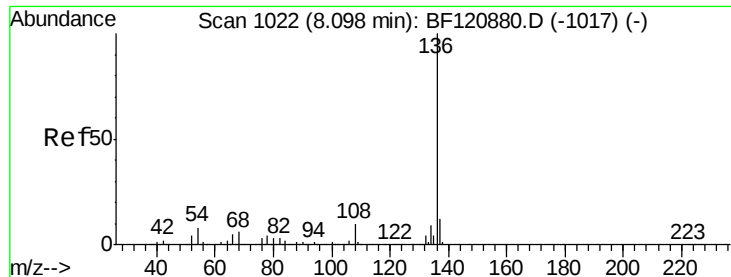
70 100

42 45.5 44.0 66.0

101 0.0 7.8 11.6#

130 2.2 18.7 28.1#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF121060.D

Acq: 28 Jul 2020 10:18

Instrument :

BNA_F

ClientSampleId :

DFTPP

Tot Ion:136 Resp: 580285

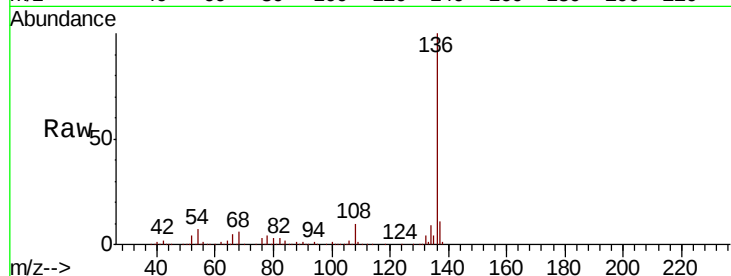
Ion Ratio Lower Upper

136 100

137 11.2 9.3 13.9

54 7.4 6.3 9.5

68 6.1 5.0 7.4

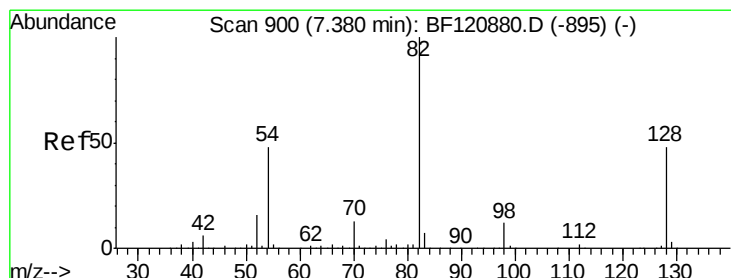
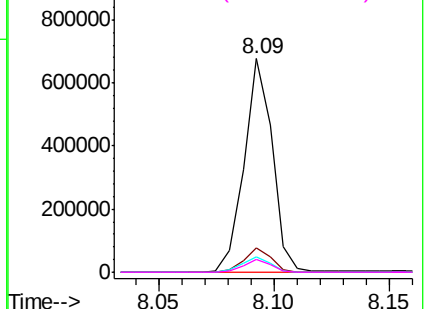
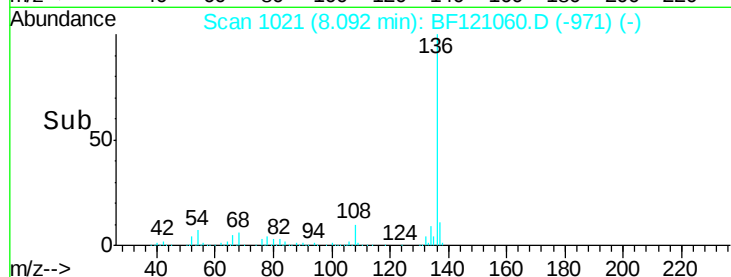


Abundance Ion 136.00 (135.70 to 136.70): E

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: 90.851 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.01 min

Lab File: BF121060.D

Acq: 28 Jul 2020 10:18

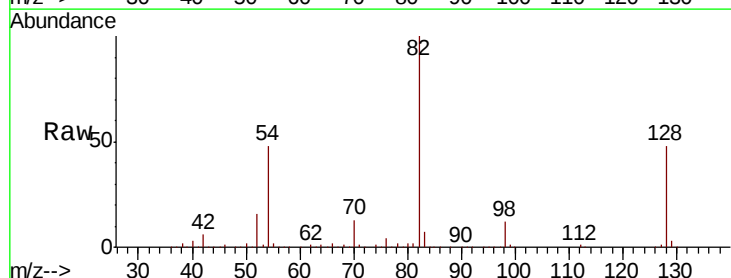
Tgt Ion: 82 Resp: 911107

Ion Ratio Lower Upper

82 100

128 47.5 38.2 57.4

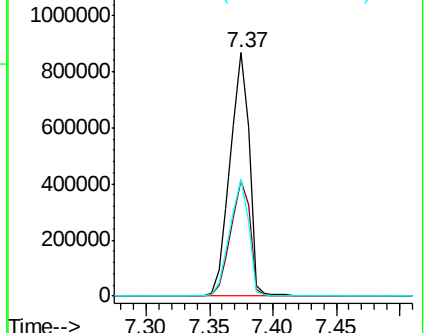
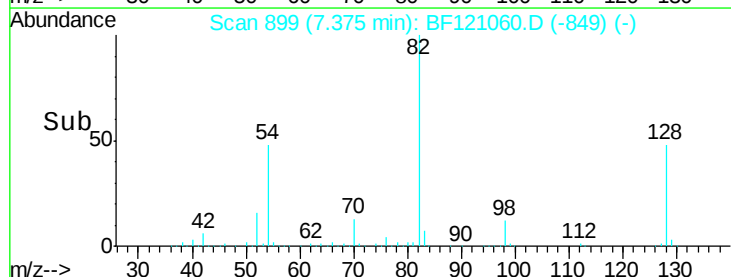
54 48.0 38.7 58.1

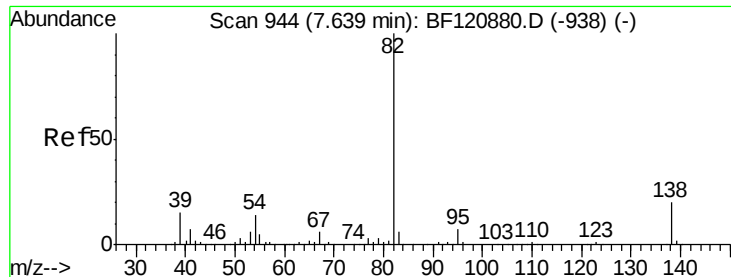


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 45.406 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.26 min

Lab File: BF121060.D

Acq: 28 Jul 2020 10:18

Instrument :

BNA_F

ClientSampleId :

DFTPP

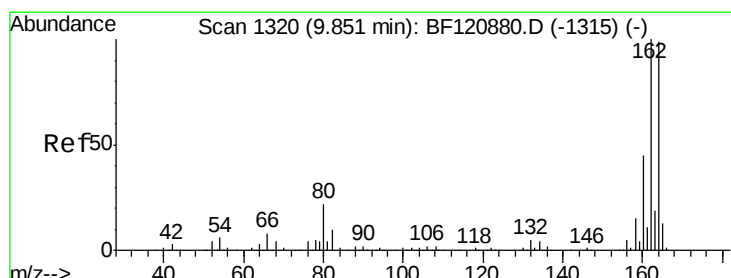
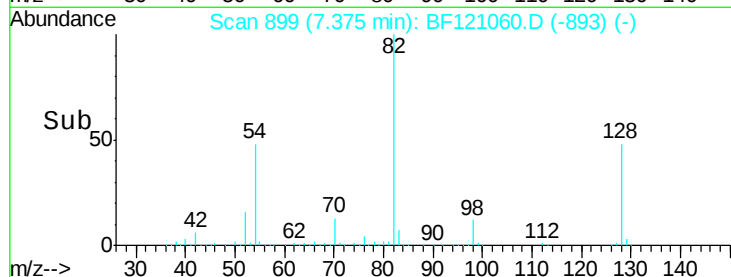
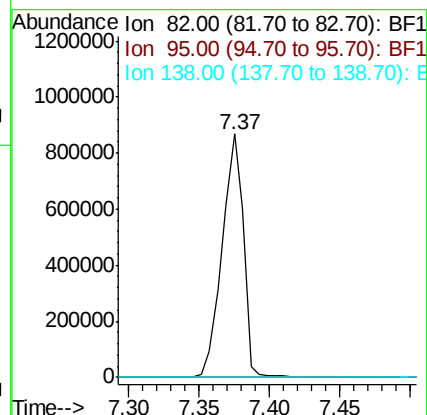
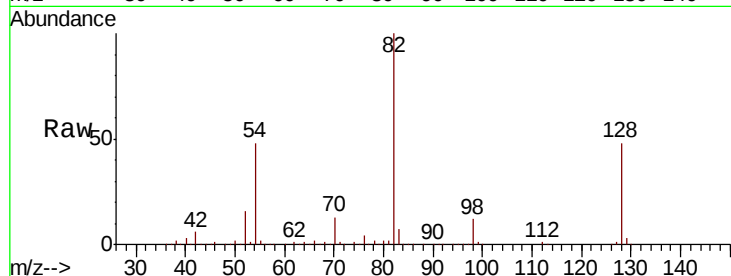
Tot Ion: 82 Resp: 908798

Ion Ratio Lower Upper

82 100

95 0.0 5.5 8.3#

138 0.0 15.6 23.4#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.85 min Scan# 1319

Delta R.T. -0.01 min

Lab File: BF121060.D

Acq: 28 Jul 2020 10:18

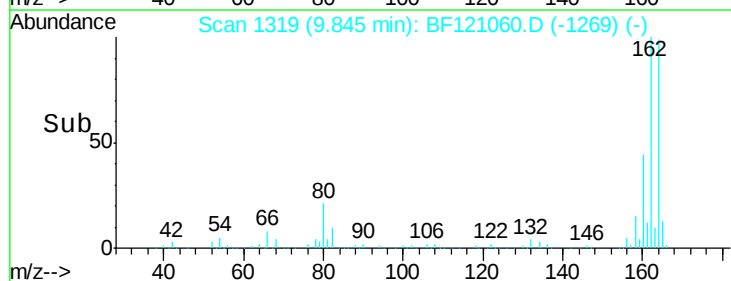
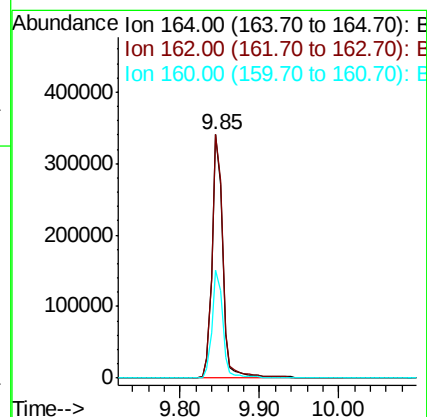
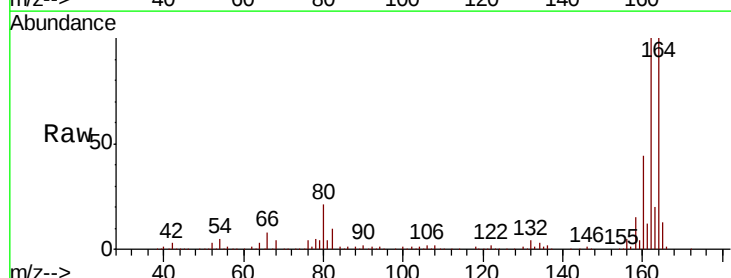
Tgt Ion: 164 Resp: 323691

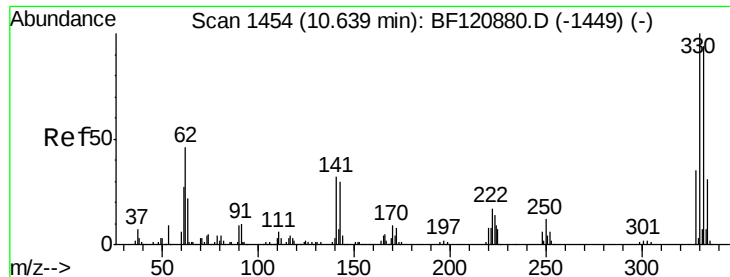
Ion Ratio Lower Upper

164 100

162 100.1 81.2 121.8

160 44.5 36.9 55.3

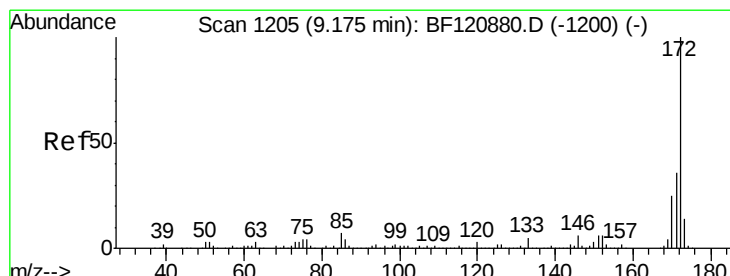
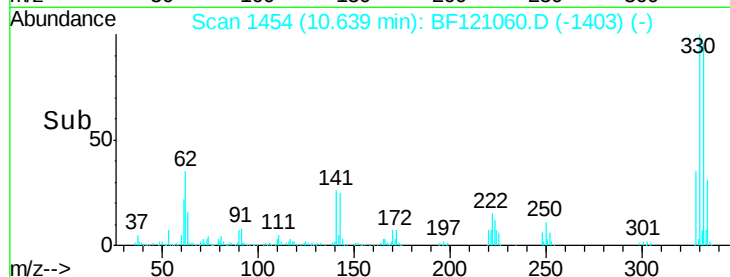
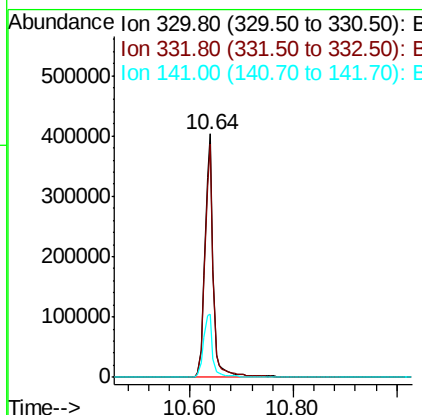
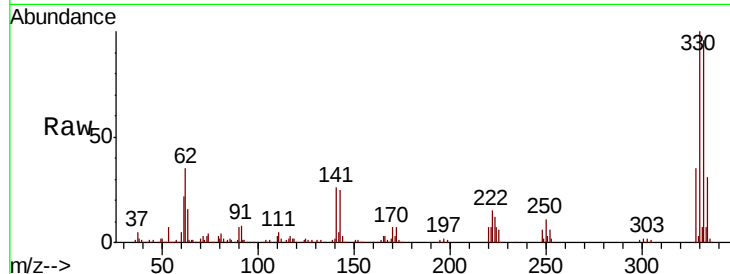




#42
 2,4,6-Tribromophenol
 Concen: 129.877 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. 0.00 min
 Lab File: BF121060.D
 Acq: 28 Jul 2020 10:18

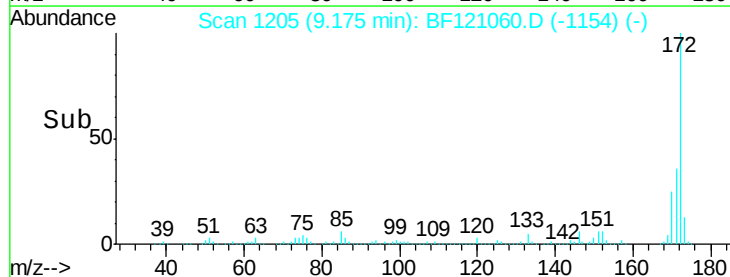
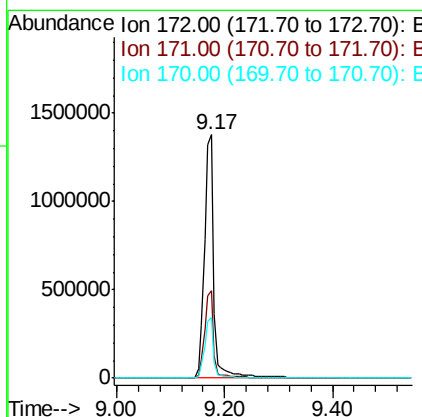
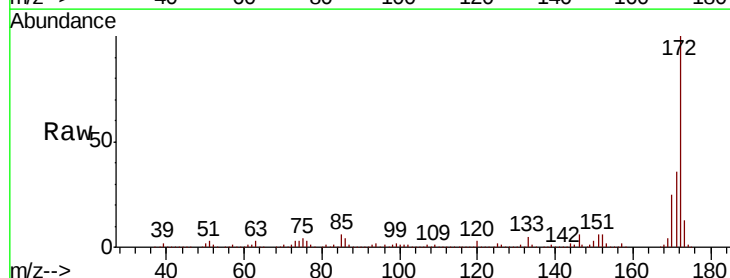
Instrument :
 BNA_F
 ClientSampled :
 DFTPP

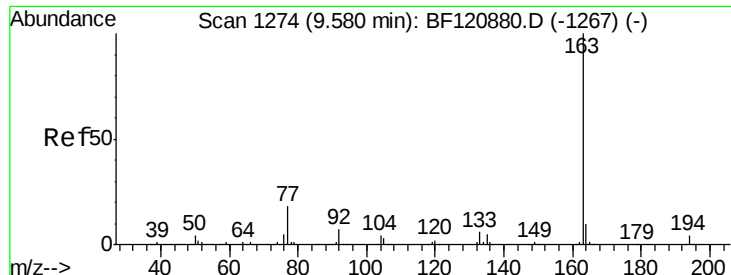
Tot Ion:330 Resp: 460171
 Ion Ratio Lower Upper
 330 100
 332 95.8 75.5 113.3
 141 29.3 25.7 38.5



#45
 2-Fluorobiphenyl
 Concen: 77.286 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: BF121060.D
 Acq: 28 Jul 2020 10:18

Tgt Ion:172 Resp: 1675562
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.0 43.4
 170 24.9 19.6 29.4

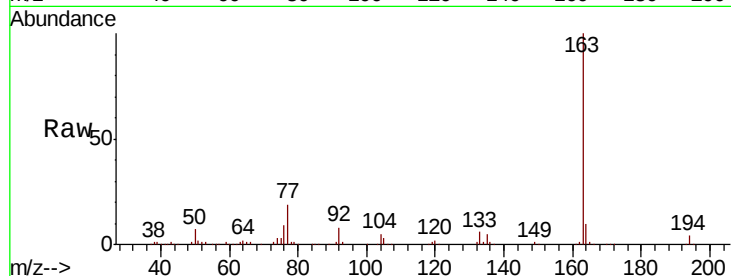




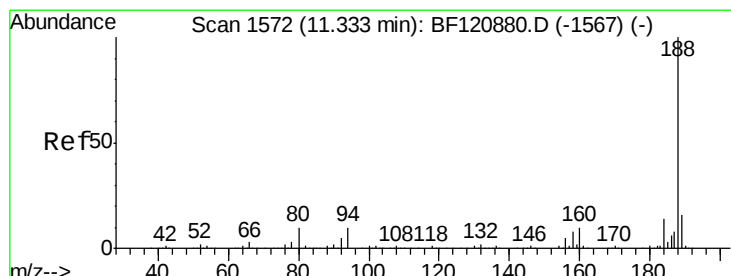
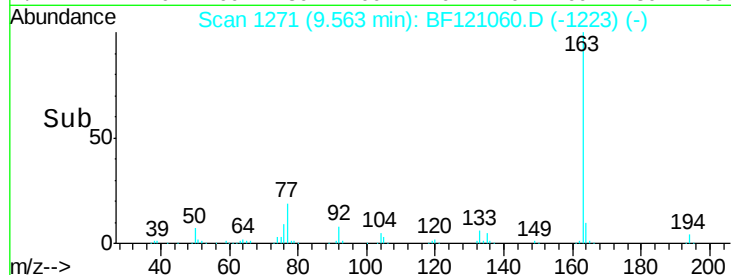
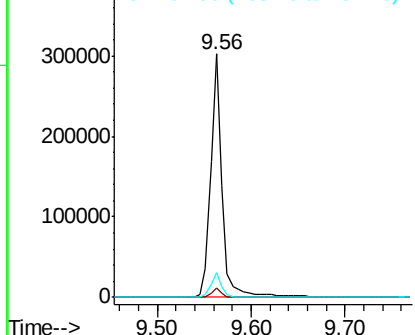
#50
Dimethylphthalate
Concen: 11.302 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.02 min
Lab File: BF121060.D
Acq: 28 Jul 2020 10:18

Instrument :
BNA_F
ClientSampleId :
DFTPP

Tot Ion:163 Resp: 263931
Ion Ratio Lower Upper
163 100
194 3.8 3.2 4.8
164 10.1 7.9 11.9

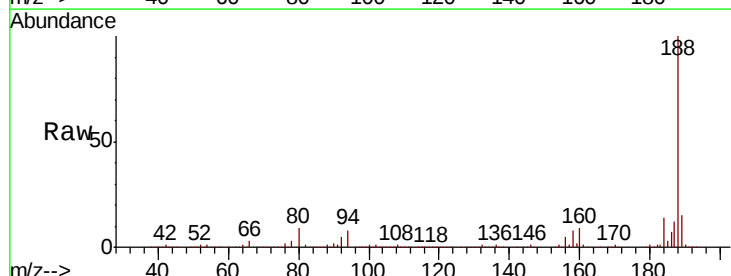


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

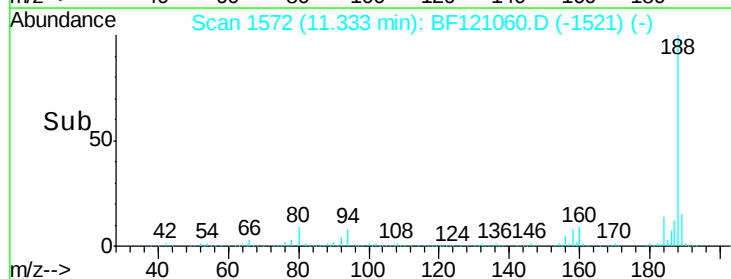
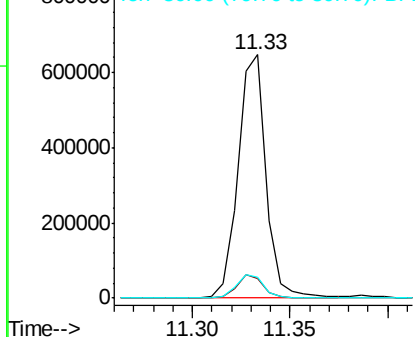


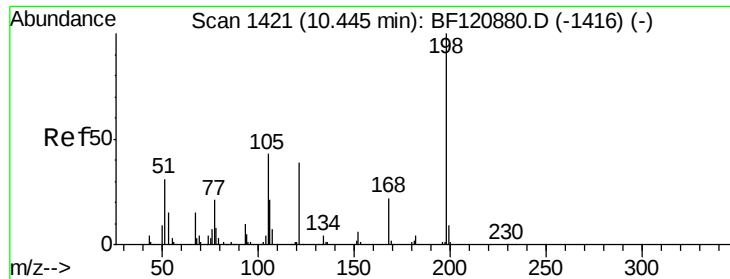
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.00 min
Lab File: BF121060.D
Acq: 28 Jul 2020 10:18

Tgt Ion:188 Resp: 643237
Ion Ratio Lower Upper
188 100
94 8.1 8.0 12.0
80 8.6 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

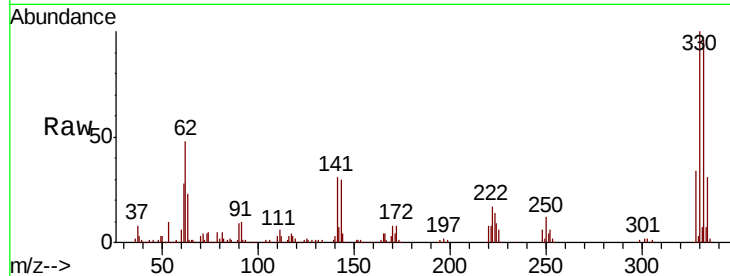




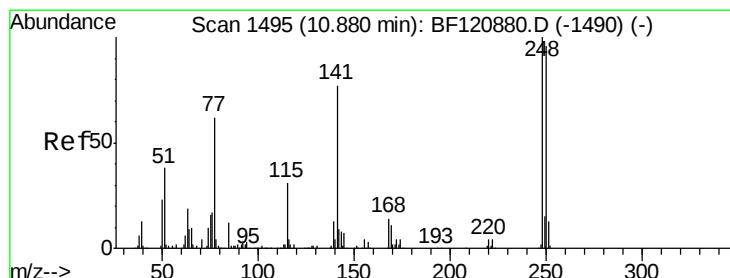
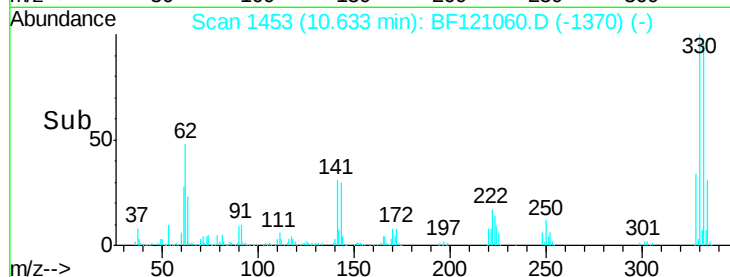
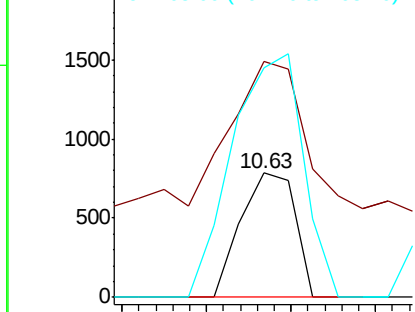
#65
 4,6-Dinitro-2-methylphenol
 Concen: 4.016 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. 0.19 min
 Lab File: BF121060.D
 Acq: 28 Jul 2020 10:18

Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

Tot Ion:198 Resp: 701
 Ion Ratio Lower Upper
 198 100
 51 190.2 19.5 59.5#
 105 184.8 24.4 64.4#

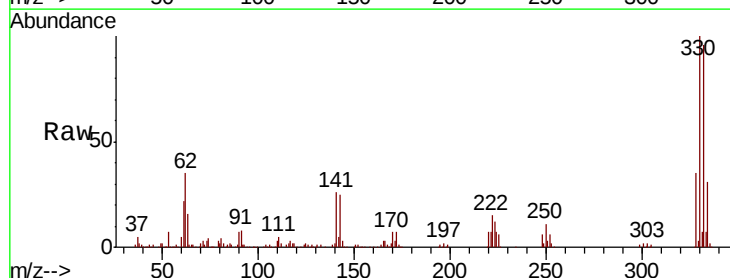


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

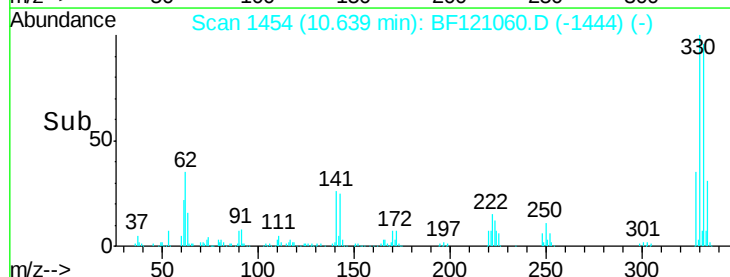
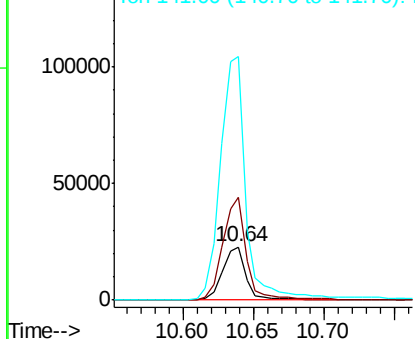


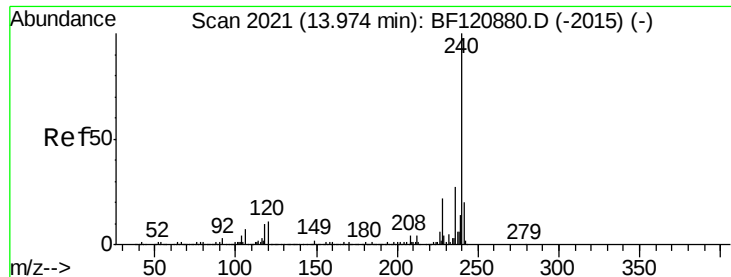
#67
 4-Bromophenyl-phenylether
 Concen: 3.687 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.24 min
 Lab File: BF121060.D
 Acq: 28 Jul 2020 10:18

Tgt Ion:248 Resp: 26440
 Ion Ratio Lower Upper
 248 100
 250 193.2 77.1 115.7#
 141 457.0 61.2 91.8#



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: 13.97 min Scan# 2020

Delta R.T. -0.01 min

Lab File: BF121060.D

Acq: 28 Jul 2020 10:18

Instrument :

BNA_F

ClientSampleId :

DFTPP

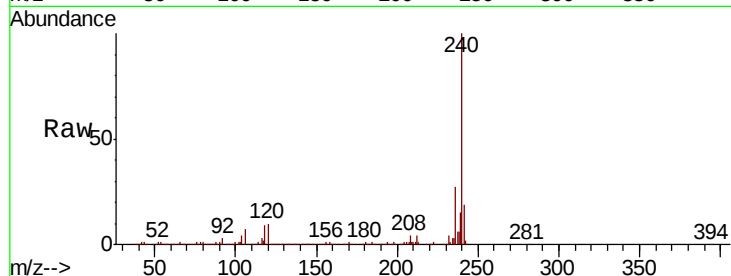
Tot Ion:240 Resp: 623892

Ion Ratio Lower Upper

240 100

120 10.5 9.0 13.4

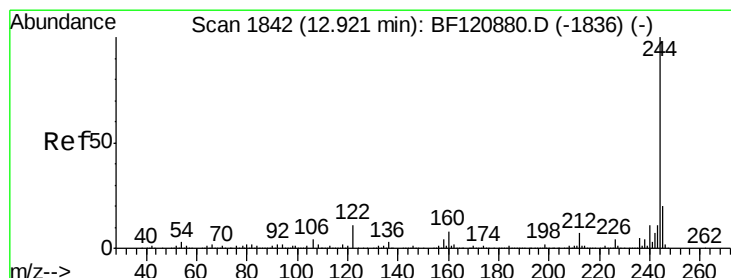
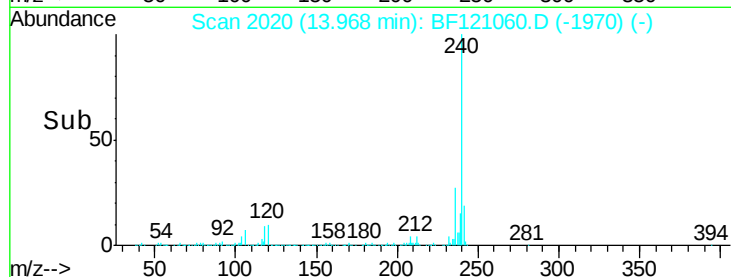
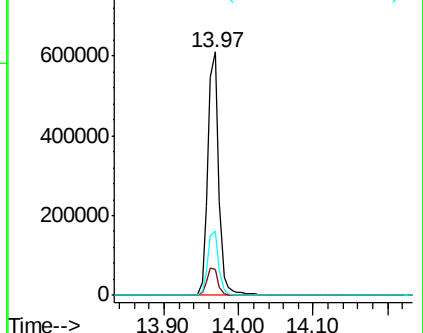
236 26.5 21.7 32.5



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: 64.253 ng

RT: 12.92 min Scan# 1842

Delta R.T. 0.00 min

Lab File: BF121060.D

Acq: 28 Jul 2020 10:18

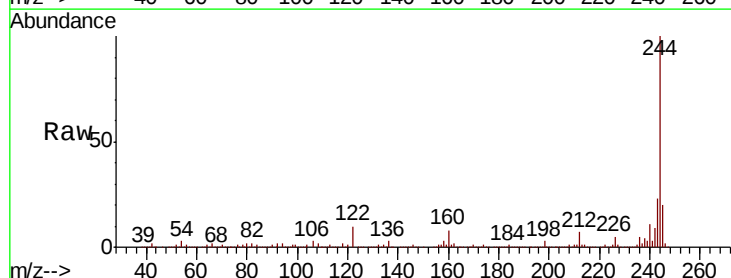
Tgt Ion:244 Resp: 1844111

Ion Ratio Lower Upper

244 100

212 7.4 5.6 8.4

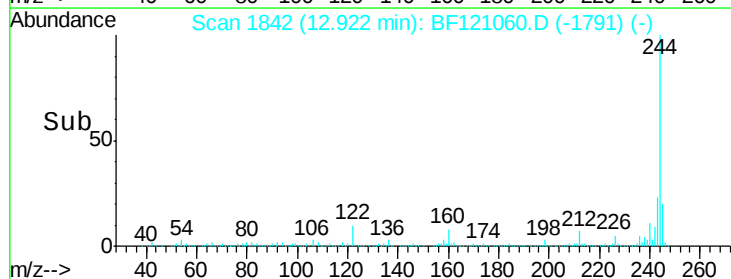
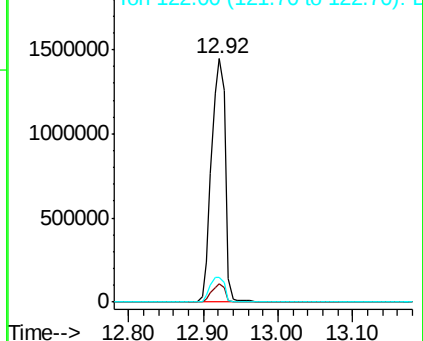
122 10.1 8.9 13.3

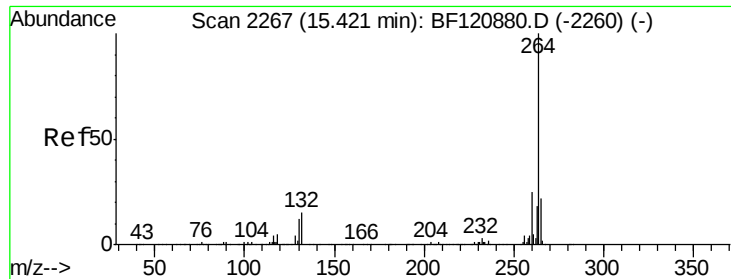


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.42 min Scan# 2266
Delta R.T. -0.01 min
Lab File: BF121060.D
Acq: 28 Jul 2020 10:18

Instrument :
BNA_F
ClientSampleId :
DFTPP

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	20.0	30.0
265	21.6	17.4	26.2

