

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072820\
 Data File : BF121074.D
 Acq On : 28 Jul 2020 17:43
 Operator : JU/CG
 Sample : L3185-06
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PL-05-072720

Quant Time: Jul 28 18:20:18 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	154868	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	572092	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	316347	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	624841	20.00	ng	0.00
76) Chrysene-d12	13.97	240	626028	20.00	ng	0.00
86) Perylene-d12	15.42	264	656445	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	1075338	113.83	ng	0.02
7) Phenol-d6	6.45	99	1199891	98.33	ng	0.00
23) Nitrobenzene-d5	7.37	82	884922	89.50	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	471383	136.13	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1640100	77.41	ng	0.00
79) Terphenyl-d14	12.92	244	1849057	64.21	ng	0.00
Target Compounds						
9) Benzaldehyde	6.42	77	109	Below Cal	Qvalue	# 1
19) n-Nitroso-di-n-propylamine	7.37	70	118608	17.093 ng	#	78
25) Isophorone	7.37	82	885036	44.852 ng	#	63
50) Dimethylphthalate	9.56	163	152452	6.680 ng		100
65) 4,6-Dinitro-2-methylphenol	10.64	198	943	4.082 ng	#	1
67) 4-Bromophenyl-phenylether	10.63	248	26979	3.873 ng	#	1

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

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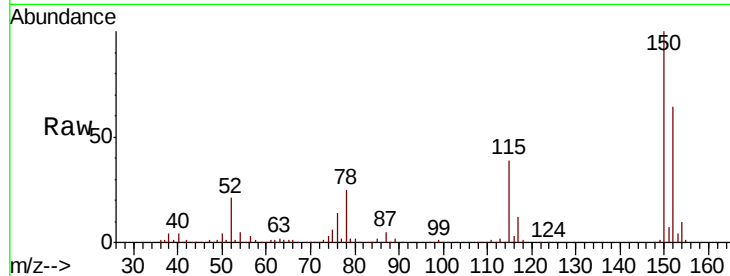


#1

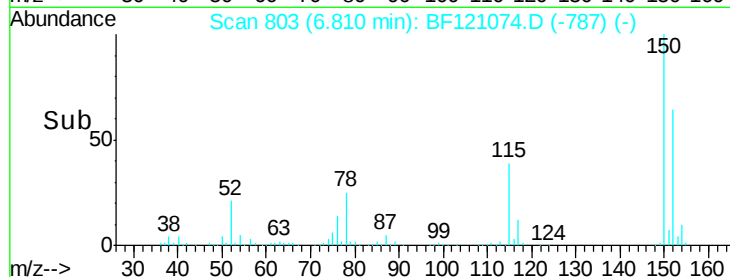
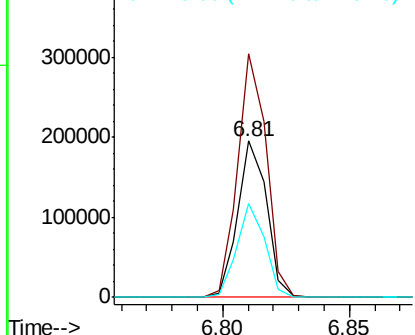
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF121074.D
Acq: 28 Jul 2020 17:43

Instrument :
BNA_F
ClientSampleId :
PL-05-072720

Tot Ion:152 Resp: 154868
Ion Ratio Lower Upper
152 100
150 156.1 125.0 187.6
115 60.2 47.0 70.4



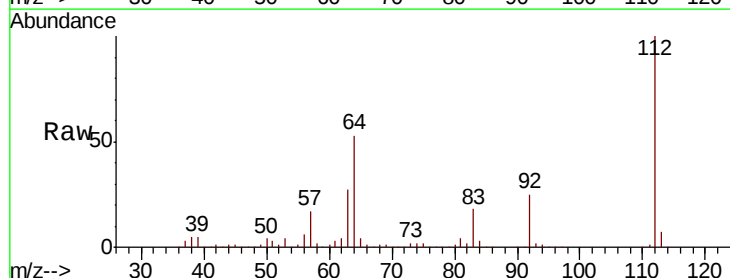
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



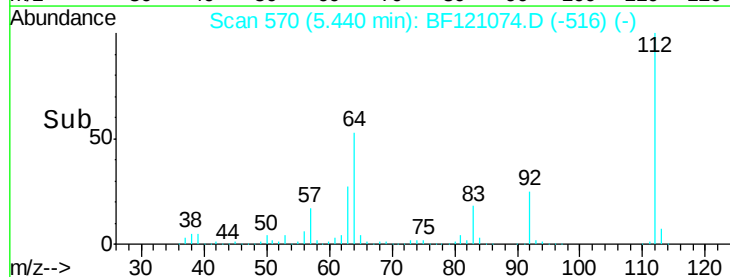
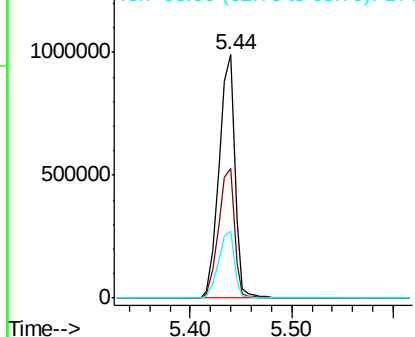
#5

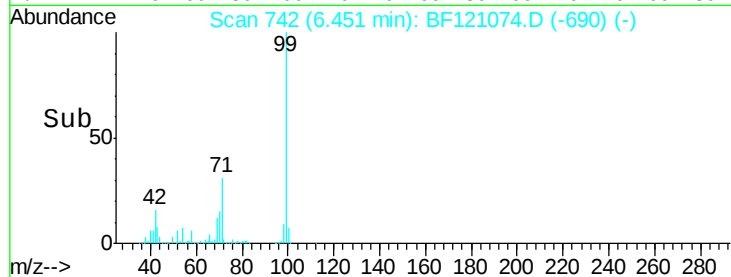
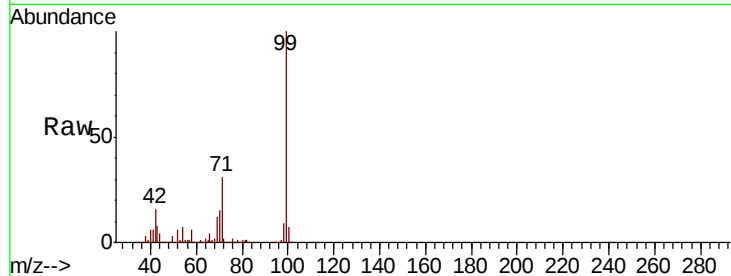
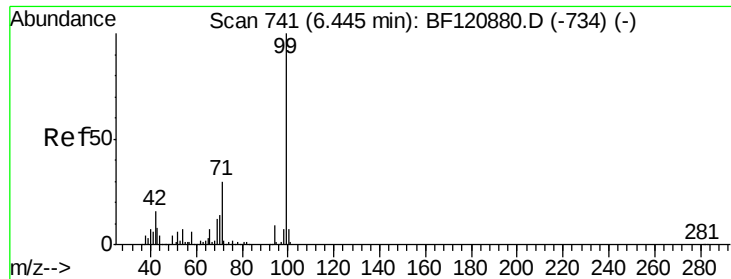
2-Fluorophenol
Concen: 113.830 ng
RT: 5.44 min Scan# 570
Delta R.T. 0.02 min
Lab File: BF121074.D
Acq: 28 Jul 2020 17:43

Tgt Ion:112 Resp: 1075338
Ion Ratio Lower Upper
112 100
64 53.3 41.3 61.9
63 27.5 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: 98.328 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF121074.D

Acq: 28 Jul 2020 17:43

Instrument :

BNA_F

ClientSampleId :

PL-05-072720

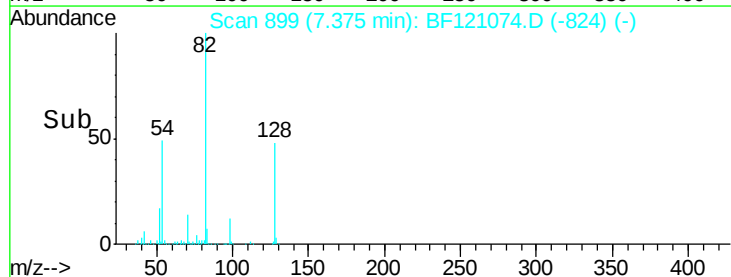
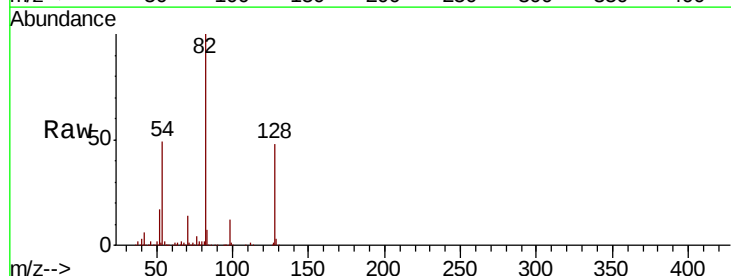
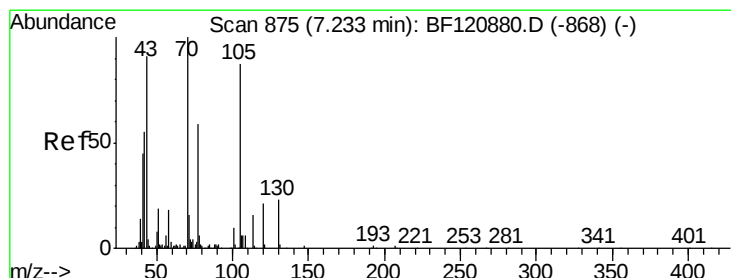
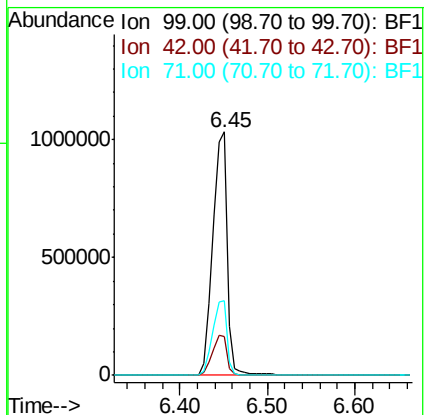
Tot Ion: 99 Resp: 1199891

Ion Ratio Lower Upper

99 100

42 16.0 13.1 19.7

71 30.7 24.2 36.4



#19

n-Nitroso-di-n-propylamine

Concen: 17.093 ng

RT: 7.37 min Scan# 899

Delta R.T. 0.14 min

Lab File: BF121074.D

Acq: 28 Jul 2020 17:43

Tgt Ion: 70 Resp: 118608

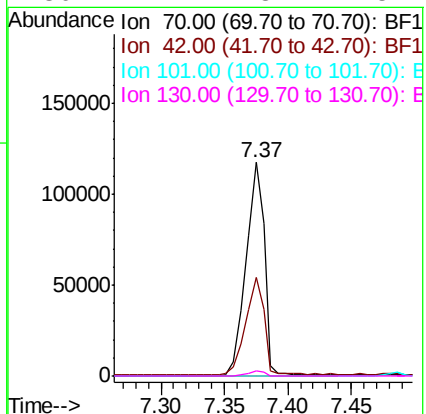
Ion Ratio Lower Upper

70 100

42 46.1 44.0 66.0

101 0.0 7.8 11.6#

130 2.1 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: BF121074.D

Acq: 28 Jul 2020 17:43

Instrument :

BNA_F

ClientSampleId :

PL-05-072720

Tot Ion:136 Resp: 572092

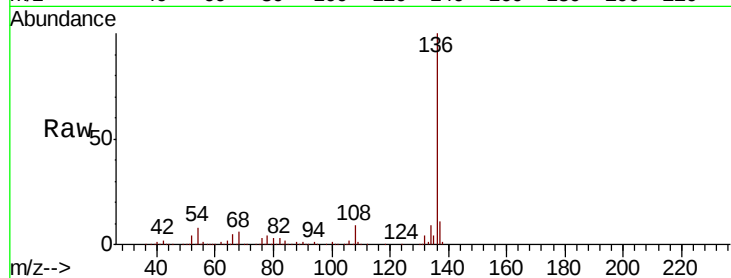
Ion Ratio Lower Upper

136 100

137 11.0 9.3 13.9

54 7.5 6.3 9.5

68 5.9 5.0 7.4

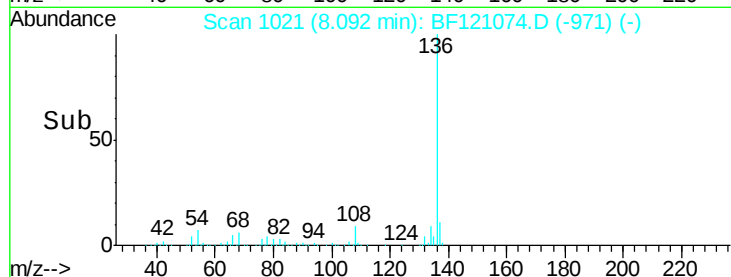


Abundance Ion 136.00 (135.70 to 136.70): E

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



Time-->



#23

Nitrobenzene-d5

Concen: 89.504 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.01 min

Lab File: BF121074.D

Acq: 28 Jul 2020 17:43

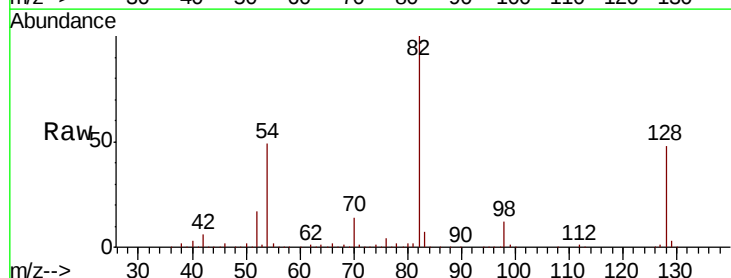
Tgt Ion: 82 Resp: 884922

Ion Ratio Lower Upper

82 100

128 47.9 38.2 57.4

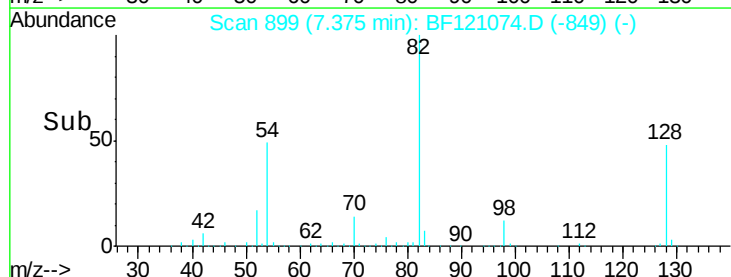
54 49.1 38.7 58.1



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



Time-->



#25

Isophorone

Concen: 44.852 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.26 min

Lab File: BF121074.D

Acq: 28 Jul 2020 17:43

Instrument :

BNA_F

ClientSampleId :

PL-05-072720

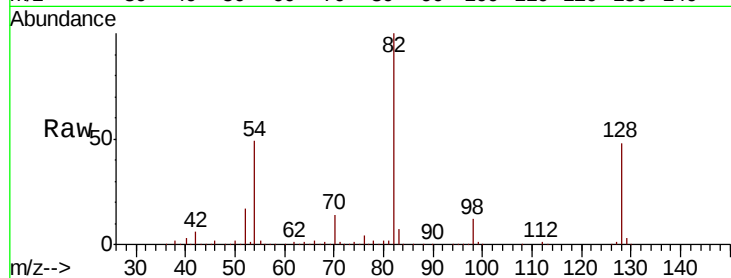
Tot Ion: 82 Resp: 885036

Ion Ratio Lower Upper

82 100

95 0.0 5.5 8.3#

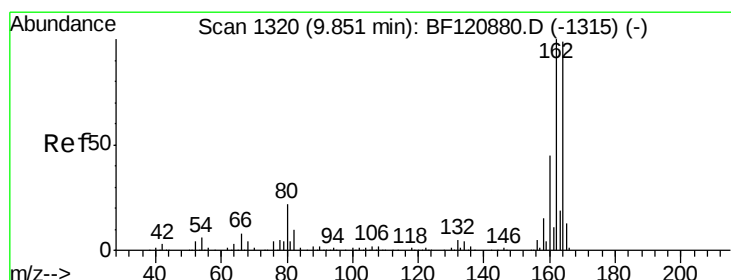
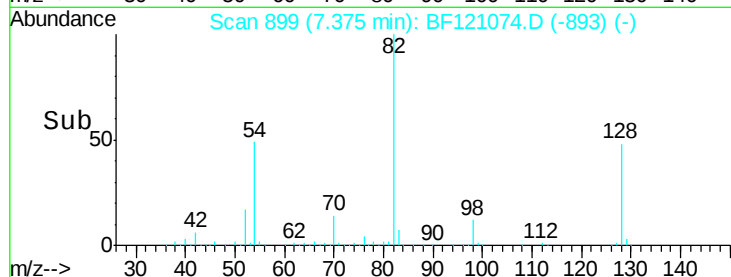
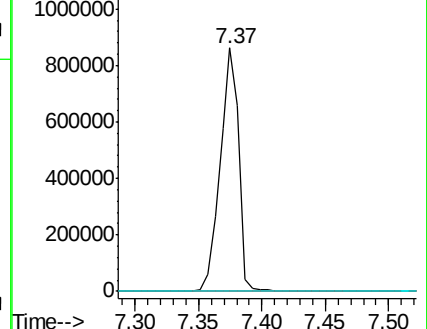
138 0.0 15.6 23.4#



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: 9.85 min Scan# 1319

Delta R.T. -0.01 min

Lab File: BF121074.D

Acq: 28 Jul 2020 17:43

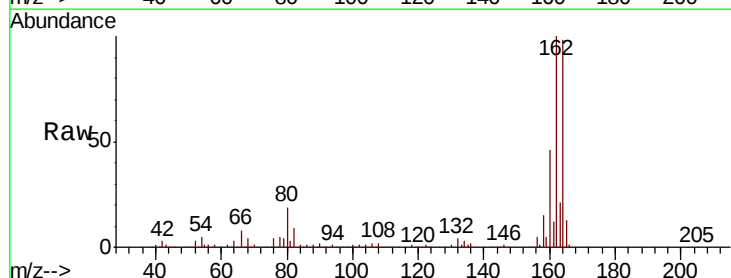
Tgt Ion: 164 Resp: 316347

Ion Ratio Lower Upper

164 100

162 101.6 81.2 121.8

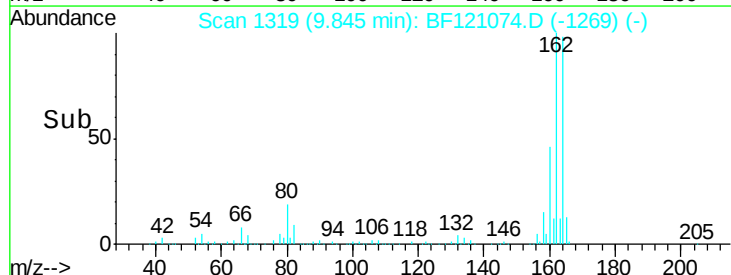
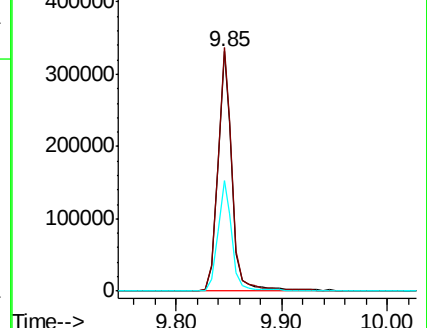
160 46.3 36.9 55.3

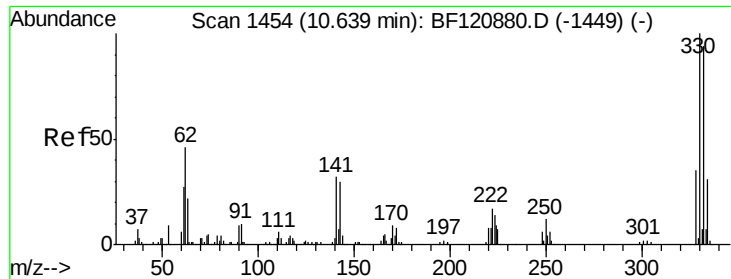


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 136.130 ng

RT: 10.64 min Scan# 1454

Delta R.T. 0.00 min

Lab File: BF121074.D

Acq: 28 Jul 2020 17:43

Instrument :

BNA_F

ClientSampleId :

PL-05-072720

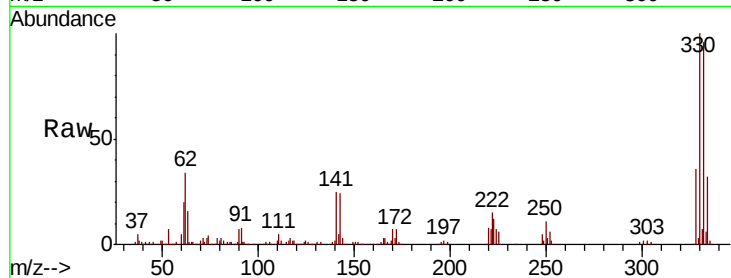
Tot Ion:330 Resp: 471383

Ion Ratio Lower Upper

330 100

332 97.9 75.5 113.3

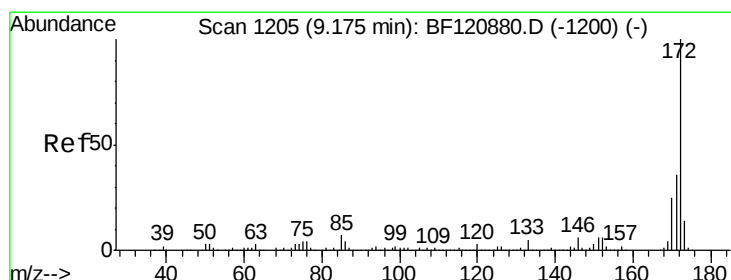
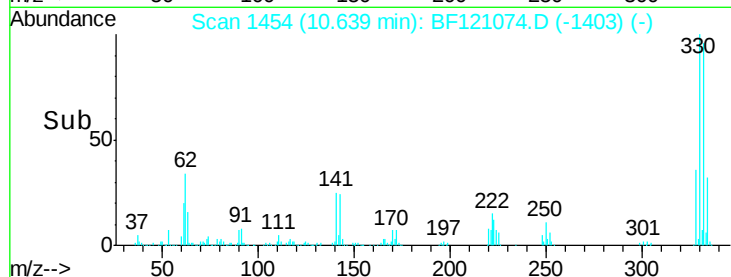
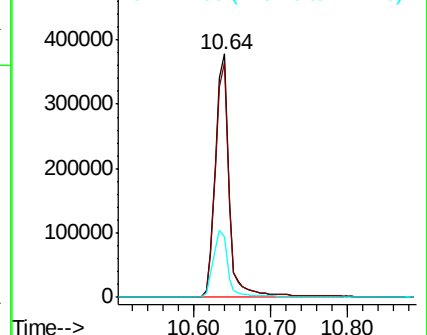
141 29.8 25.7 38.5



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: 77.407 ng

RT: 9.17 min Scan# 1204

Delta R.T. -0.01 min

Lab File: BF121074.D

Acq: 28 Jul 2020 17:43

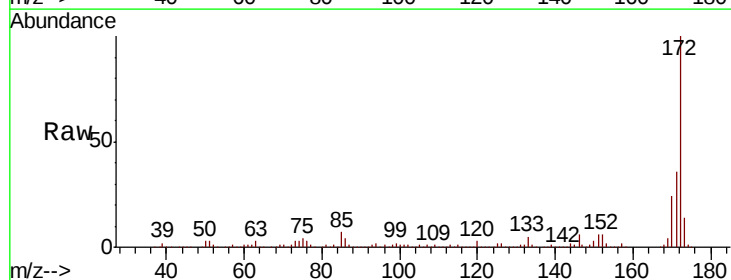
Tgt Ion:172 Resp: 1640100

Ion Ratio Lower Upper

172 100

171 36.1 29.0 43.4

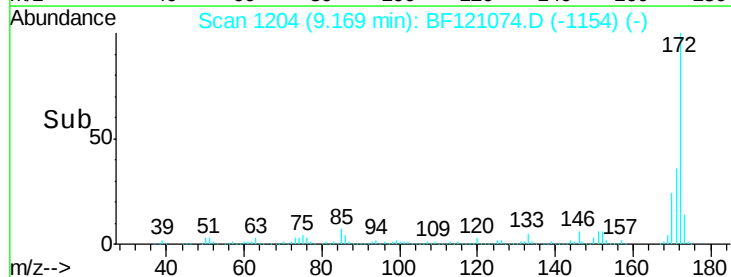
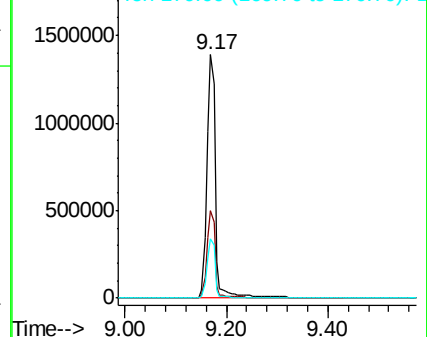
170 24.3 19.6 29.4



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





#50

Dimethylphthalate

Concen: 6.680 ng

RT: 9.56 min Scan# 1271

Delta R.T. -0.02 min

Lab File: BF121074.D

Acq: 28 Jul 2020 17:43

Instrument :

BNA_F

ClientSampleId :

PL-05-072720

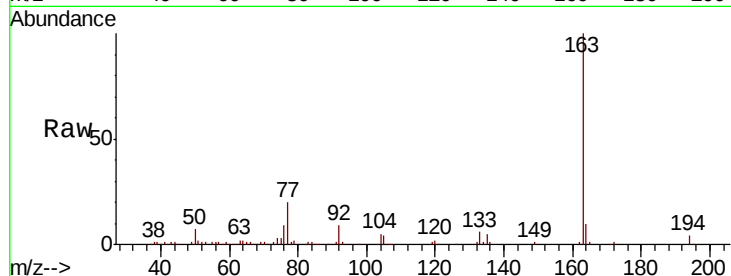
Tot Ion:163 Resp: 152452

Ion Ratio Lower Upper

163 100

194 3.9 3.2 4.8

164 9.9 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

9.56

150000

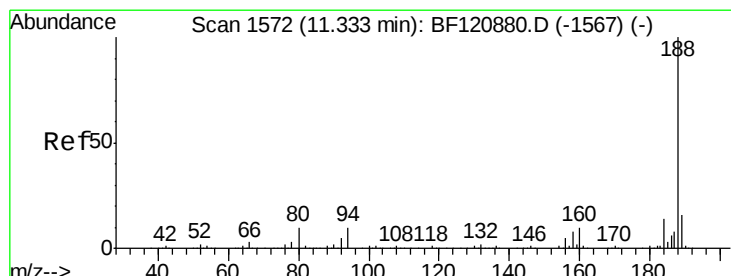
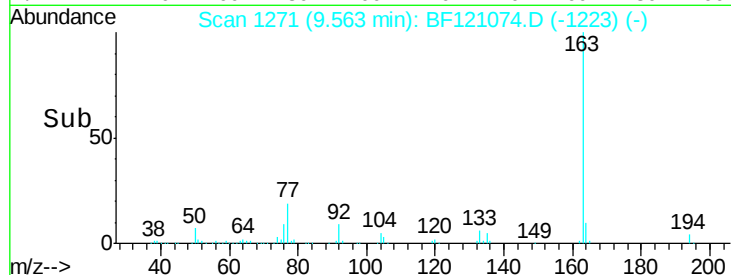
100000

50000

0

9.50 9.55 9.60 9.65

Time-->



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.33 min Scan# 1572

Delta R.T. 0.00 min

Lab File: BF121074.D

Acq: 28 Jul 2020 17:43

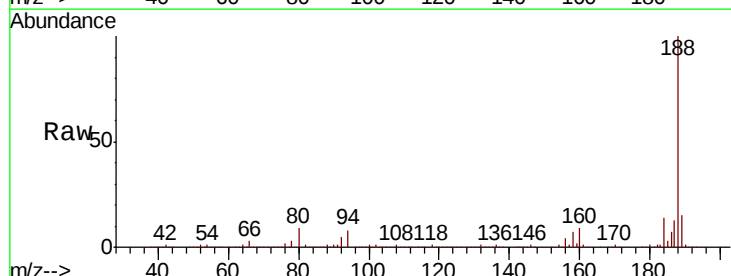
Tgt Ion:188 Resp: 624841

Ion Ratio Lower Upper

188 100

94 8.3 8.0 12.0

80 8.9 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

11.33

800000

600000

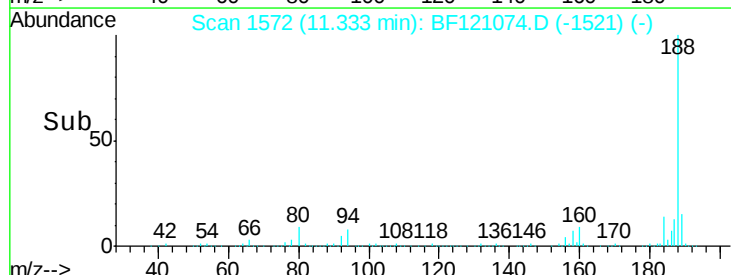
400000

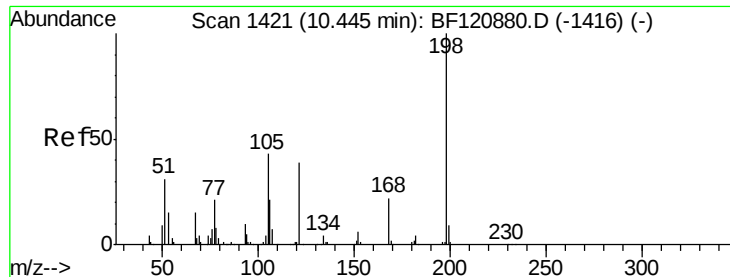
200000

0

11.30 11.35

Time-->





#65

4,6-Dinitro-2-methylphenol

Concen: 4.082 ng

RT: 10.64 min Scan# 1454

Delta R.T. 0.19 min

Lab File: BF121074.D

Acq: 28 Jul 2020 17:43

Instrument :

BNA_F

ClientSampleId :

PL-05-072720

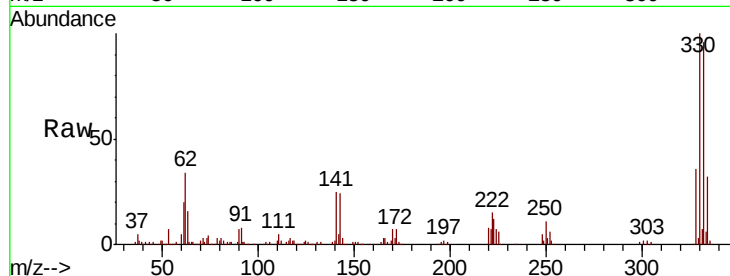
Tot Ion:198 Resp: 943

Ion Ratio Lower Upper

198 100

51 134.6 19.5 59.5#

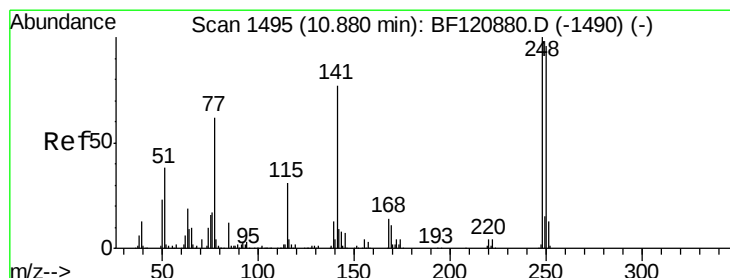
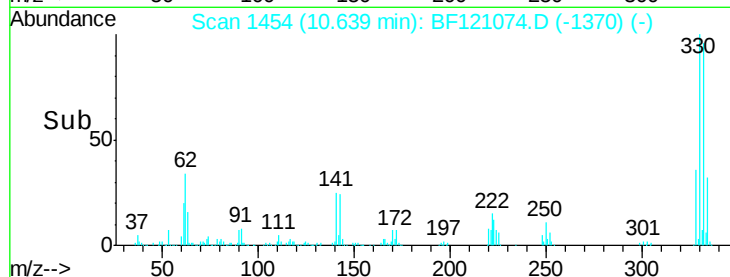
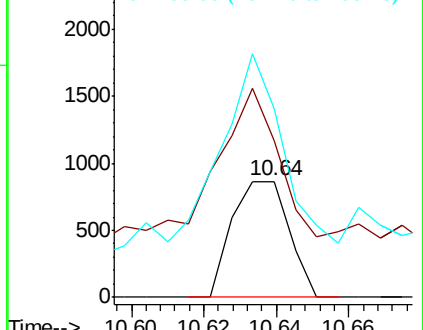
105 162.8 24.4 64.4#



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: 3.873 ng

RT: 10.63 min Scan# 1453

Delta R.T. -0.25 min

Lab File: BF121074.D

Acq: 28 Jul 2020 17:43

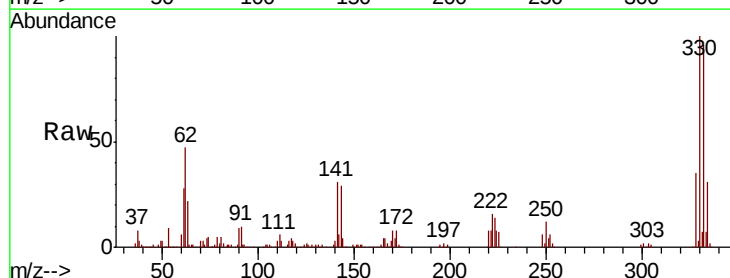
Tgt Ion:248 Resp: 26979

Ion Ratio Lower Upper

248 100

250 195.0 77.1 115.7#

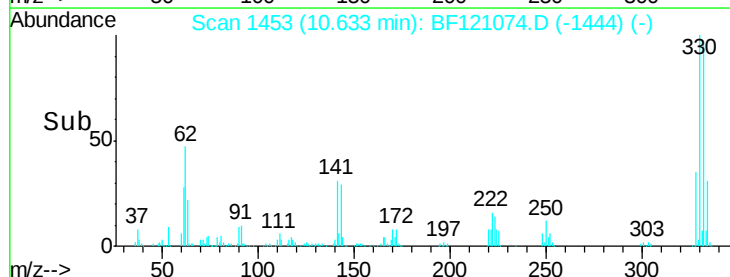
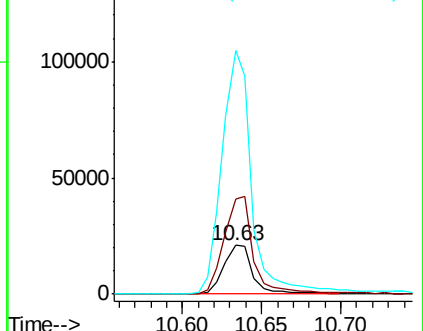
141 500.7 61.2 91.8#

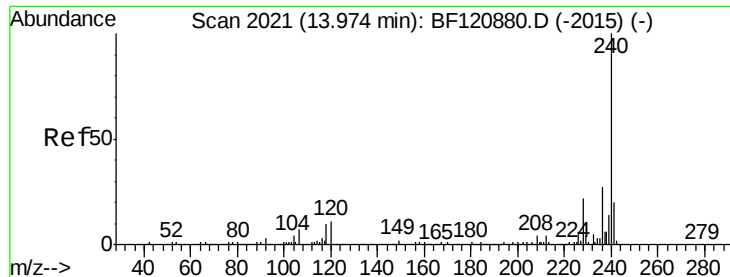


Abundance Ion 248.00 (247.70 to 248.70): E

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: BF121074.D

Acq: 28 Jul 2020 17:43

Instrument :

BNA_F

ClientSampleId :

PL-05-072720

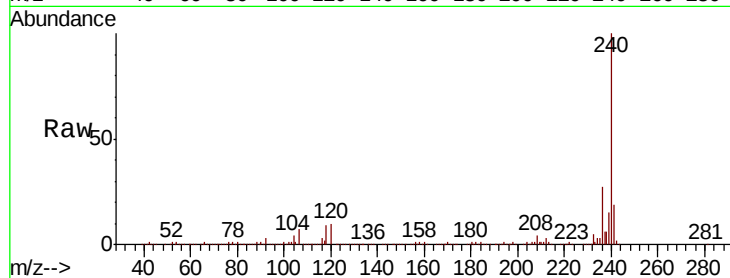
Tot Ion:240 Resp: 626028

Ion Ratio Lower Upper

240 100

120 10.4 9.0 13.4

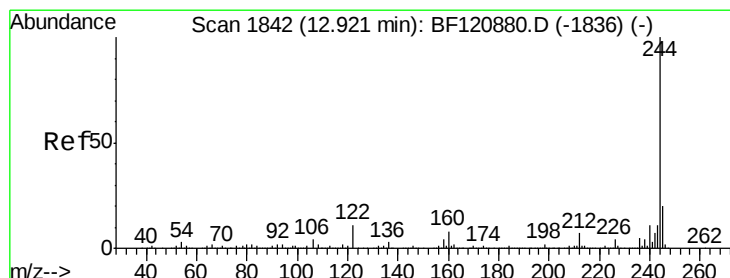
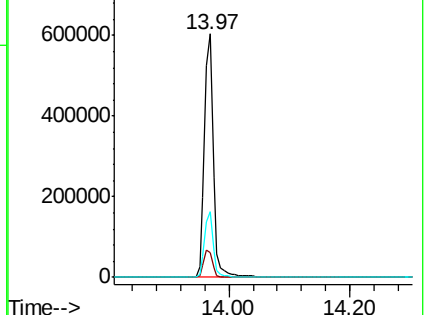
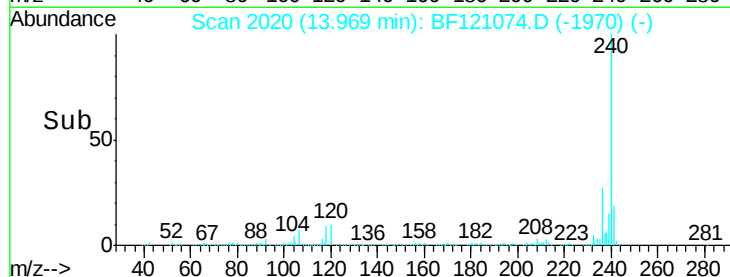
236 26.8 21.7 32.5



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: 64.206 ng

RT: 12.92 min Scan# 1842

Delta R.T. 0.00 min

Lab File: BF121074.D

Acq: 28 Jul 2020 17:43

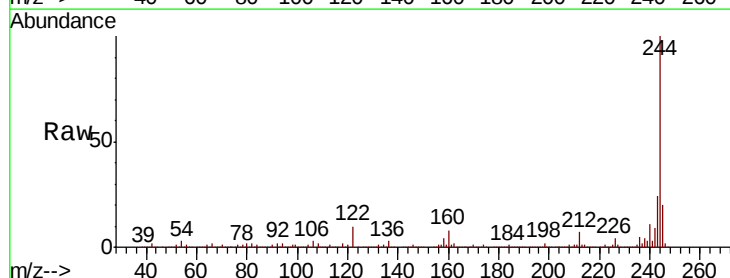
Tgt Ion:244 Resp: 1849057

Ion Ratio Lower Upper

244 100

212 7.3 5.6 8.4

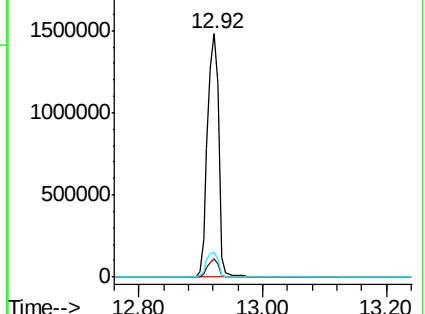
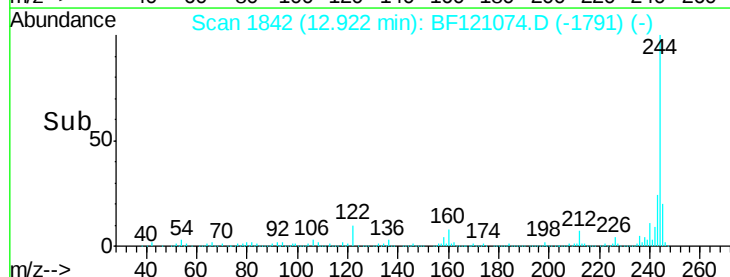
122 10.1 8.9 13.3

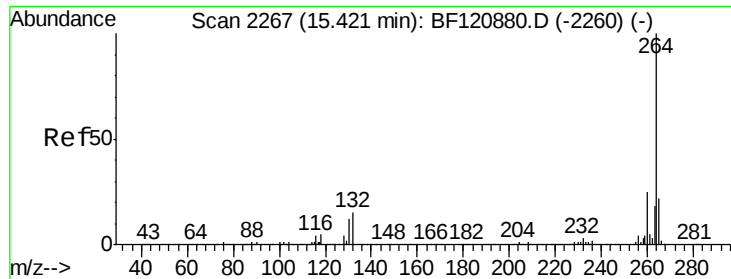


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF121074.D
Acq: 28 Jul 2020 17:43

Instrument :
BNA_F
ClientSampleId :
PL-05-072720

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.1	20.0	30.0
265	21.6	17.4	26.2

