

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082420\
 Data File : BF121397.D
 Acq On : 24 Aug 2020 13:39
 Operator : JU/CG
 Sample : PB131080BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB131080BL

Quant Time: Aug 24 15:43:23 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF081920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 24 11:54:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	188462	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	732923	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	377174	20.00	ng	0.00
64) Phenanthrene-d10	11.22	188	723689	20.00	ng	0.00
76) Chrysene-d12	13.85	240	610144	20.00	ng	-0.01
86) Perylene-d12	15.27	264	615031	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.32	112	832763	72.46	ng	0.01
7) Phenol-d6	6.35	99	1013780	69.09	ng	0.00
23) Nitrobenzene-d5	7.27	82	957606	73.89	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	294149	66.92	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	1614604	81.67	ng	0.00
79) Terphenyl-d14	12.81	244	1751261	56.09	ng	0.00

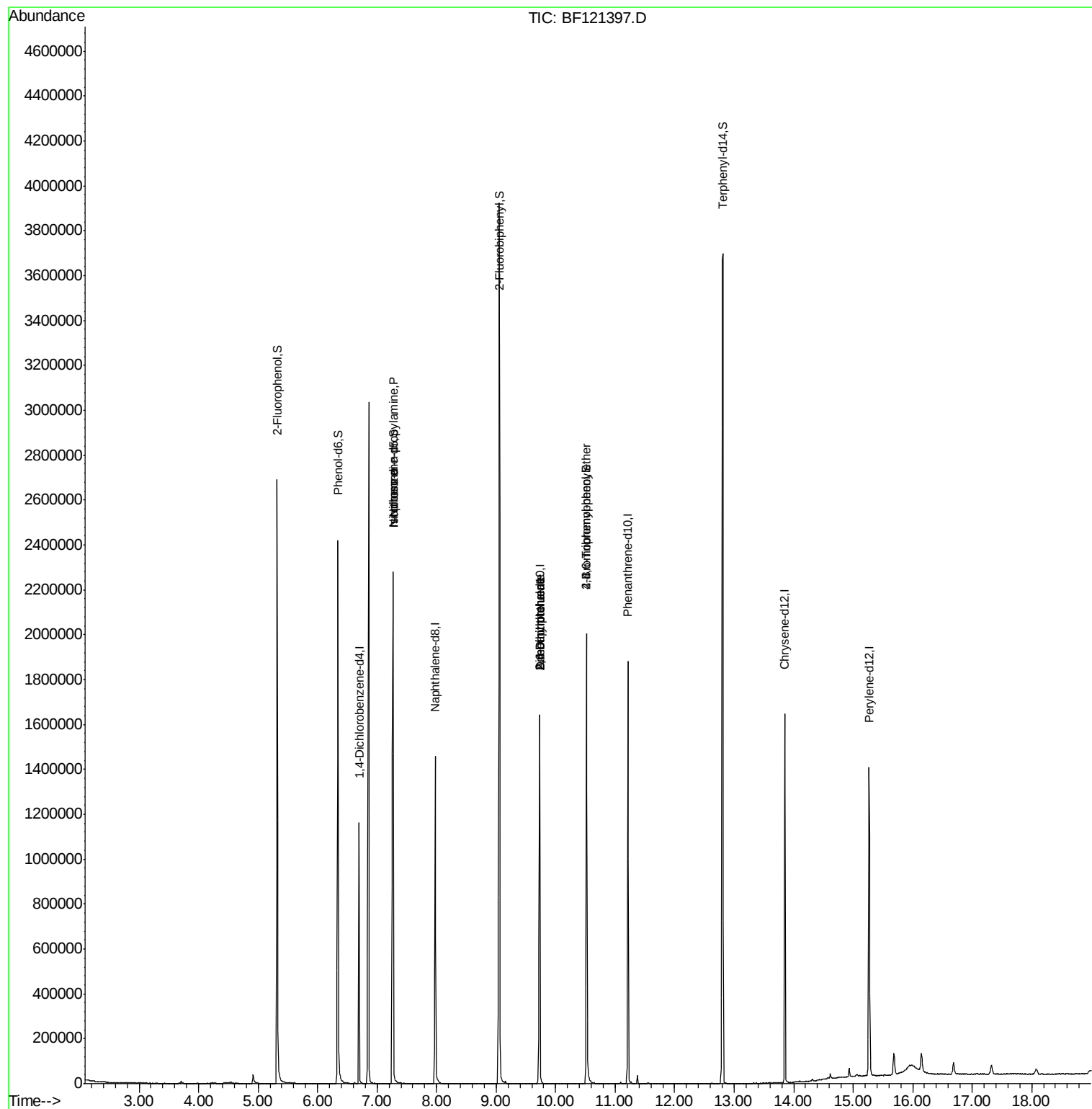
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.27	70	124953	15.835	ng	# 76
25) Isophorone	7.27	82	957314	40.592	ng	# 64
50) Dimethylphthalate	9.73	163	82056	2.990	ng	# 1
51) 2,6-Dinitrotoluene	9.73	165	48213	8.227	ng	# 32
57) 2,4-Dinitrotoluene	9.73	165	48213	6.744	ng	# 20
58) Fluorene	10.52	166	11240	Below Cal		# 89
67) 4-Bromophenyl-phenylether	10.52	248	16629	2.071	ng	# 1

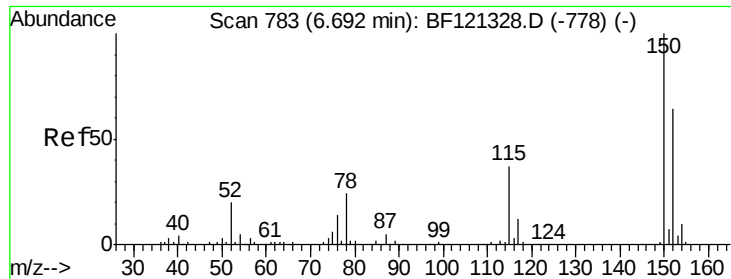
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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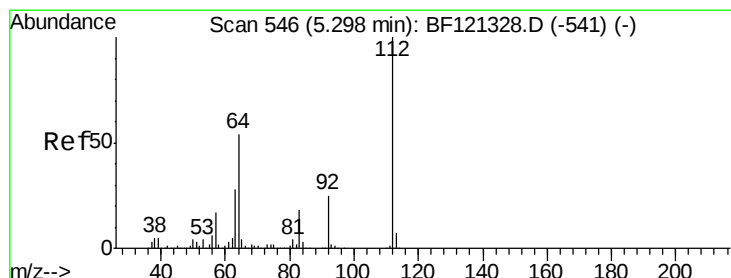
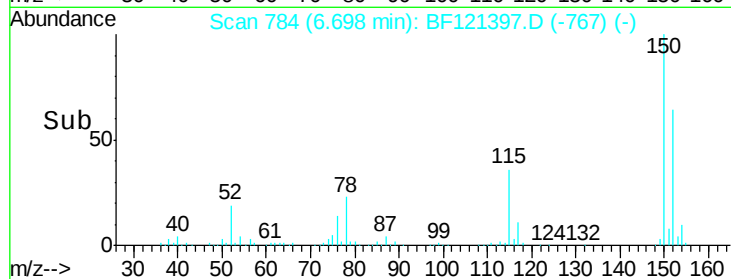
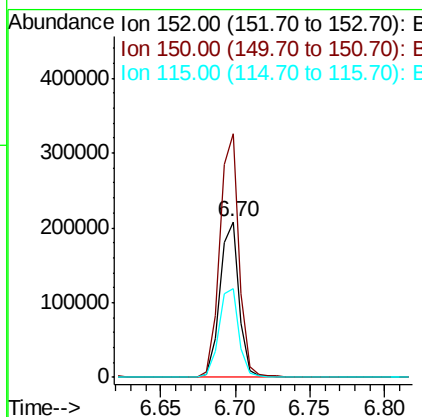
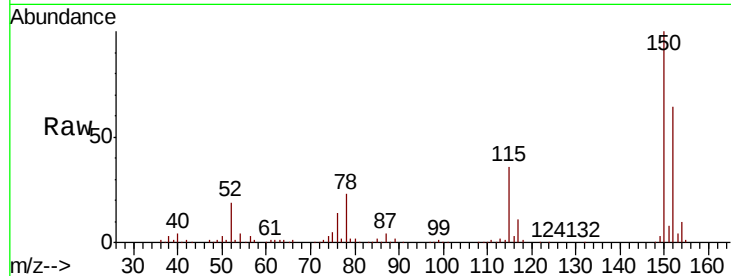


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.00 min
Lab File: BF121397.D
Acq: 24 Aug 2020 13:39

Instrument :
BNA_F
ClientSampleId :
PB131080BL

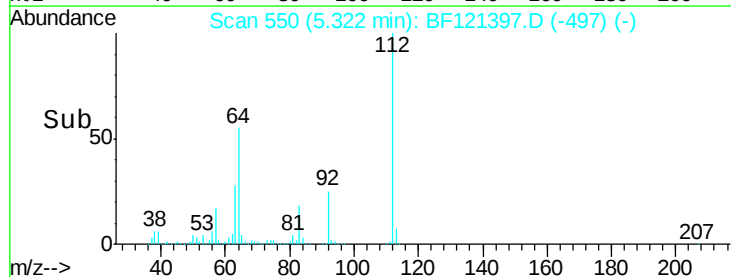
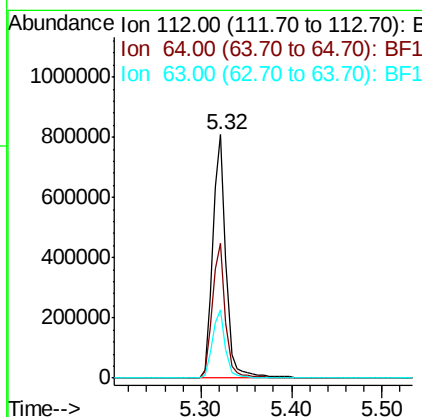
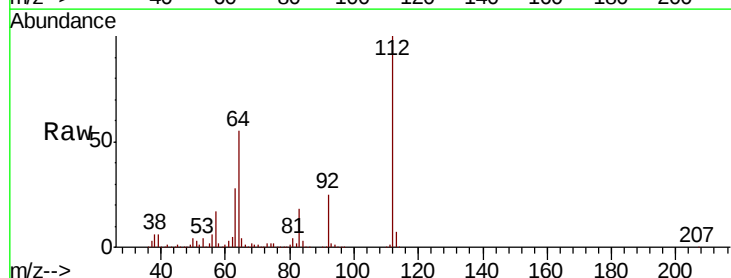
Tot Ion:152 Resp: 188462
Ion Ratio Lower Upper
152 100
150 156.6 125.4 188.0
115 56.9 47.0 70.6



#5

2-Fluorophenol
Concen: 72.455 ng
RT: 5.32 min Scan# 550
Delta R.T. 0.01 min
Lab File: BF121397.D
Acq: 24 Aug 2020 13:39

Tgt Ion:112 Resp: 832763
Ion Ratio Lower Upper
112 100
64 55.2 42.2 63.4
63 28.2 21.4 32.2





#7

Phenol-d6

Concen: 69.094 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF121397.D

Acq: 24 Aug 2020 13:39

Instrument :

BNA_F

ClientSampleId :

PB131080BL

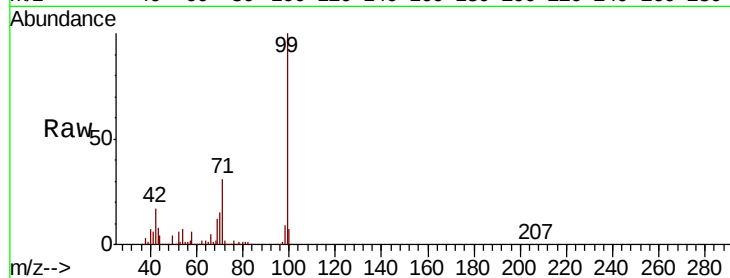
Tot Ion: 99 Resp: 1013780

Ion Ratio Lower Upper

99 100

42 16.8 13.9 20.9

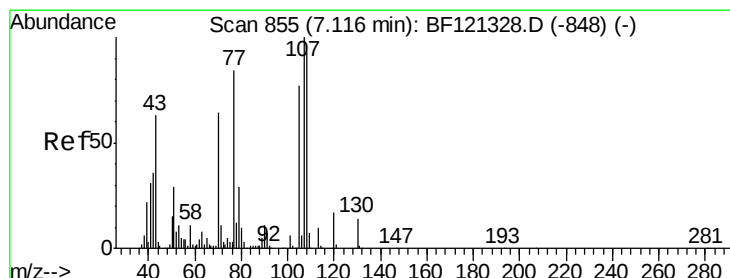
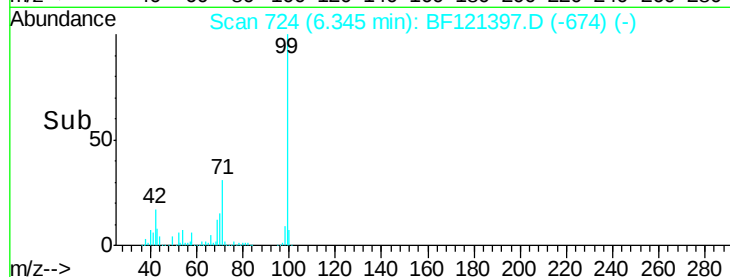
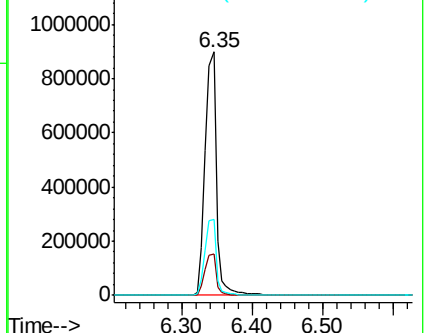
71 31.0 25.5 38.3



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: 15.835 ng

RT: 7.27 min Scan# 881

Delta R.T. 0.15 min

Lab File: BF121397.D

Acq: 24 Aug 2020 13:39

Tgt Ion: 70 Resp: 124953

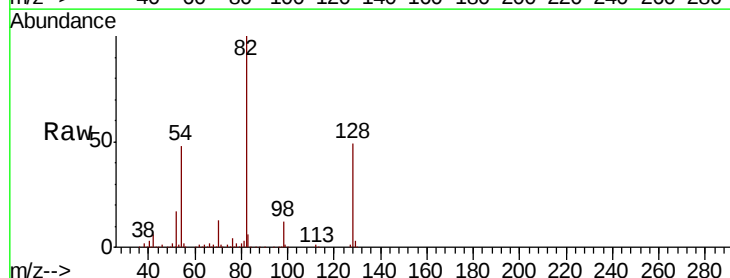
Ion Ratio Lower Upper

70 100

42 45.5 46.9 70.3#

101 0.0 7.7 11.5#

130 2.1 17.2 25.8#

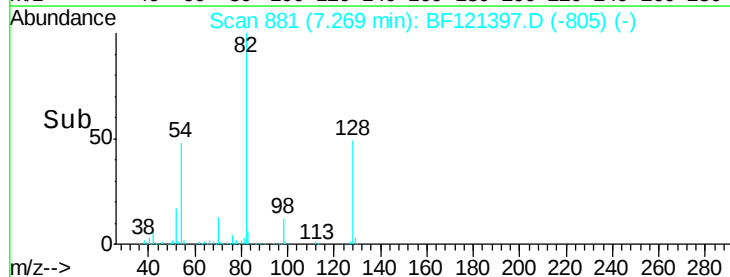
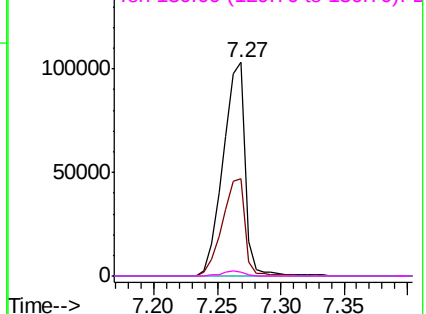


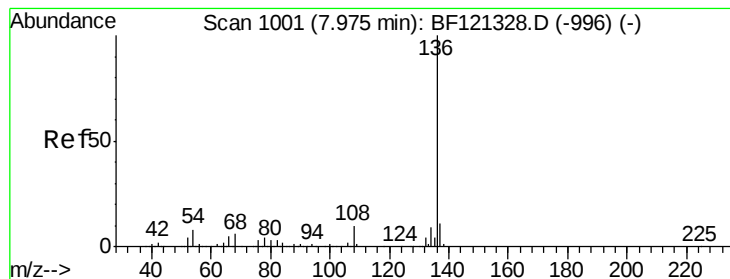
Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 7.98 min Scan# 1002

Delta R.T. -0.01 min

Lab File: BF121397.D

Acq: 24 Aug 2020 13:39

Instrument :

BNA_F

ClientSampleId :

PB131080BL

Tot Ion:136 Resp: 732923

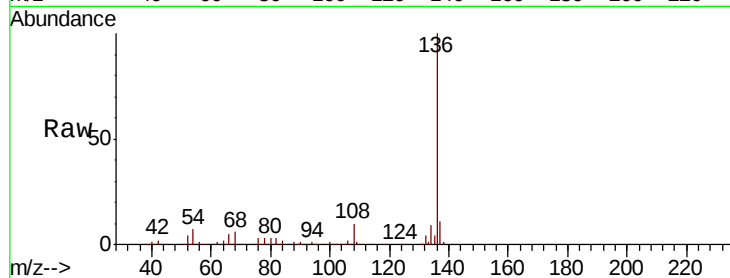
Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 7.4 5.8 8.6

68 6.0 4.7 7.1

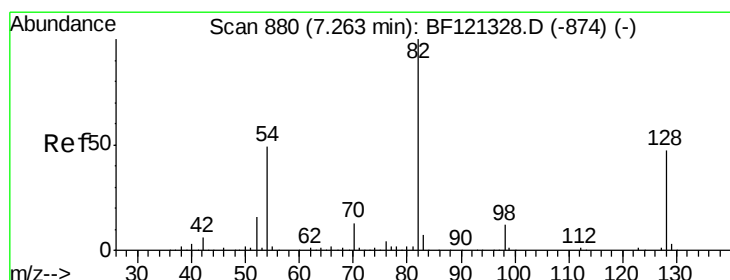
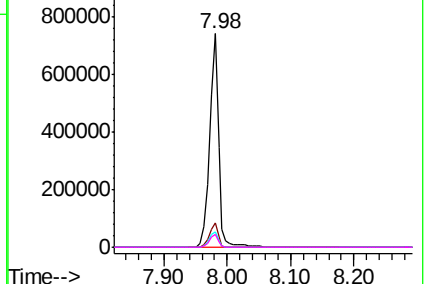
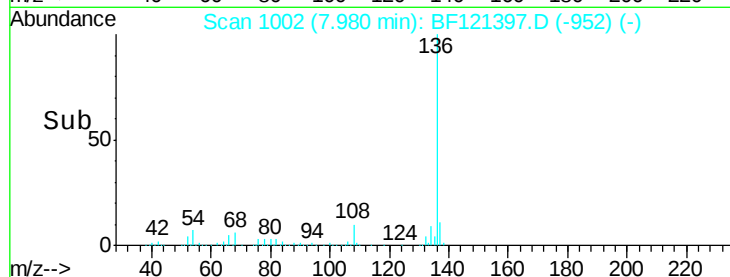


Abundance Ion 136.00 (135.70 to 136.70): E

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: 73.894 ng

RT: 7.27 min Scan# 881

Delta R.T. -0.01 min

Lab File: BF121397.D

Acq: 24 Aug 2020 13:39

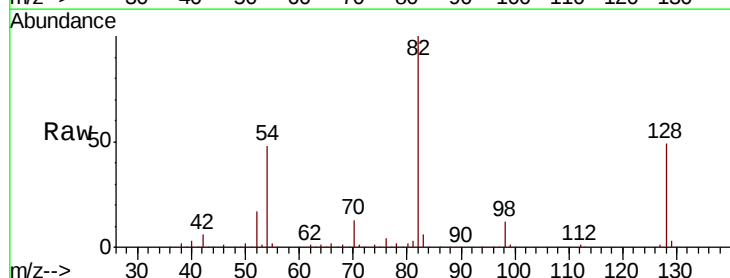
Tgt Ion: 82 Resp: 957606

Ion Ratio Lower Upper

82 100

128 49.0 38.4 57.6

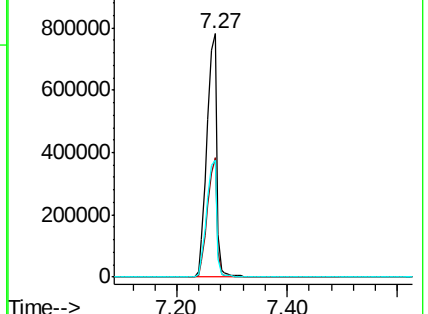
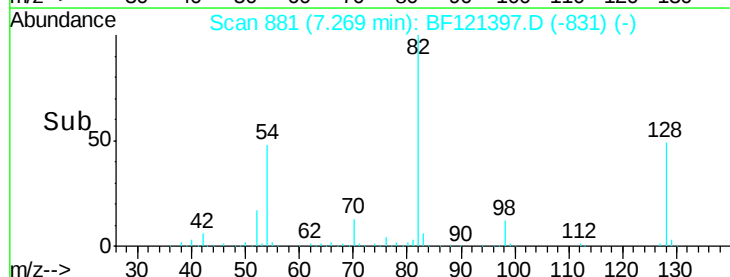
54 48.2 39.0 58.6

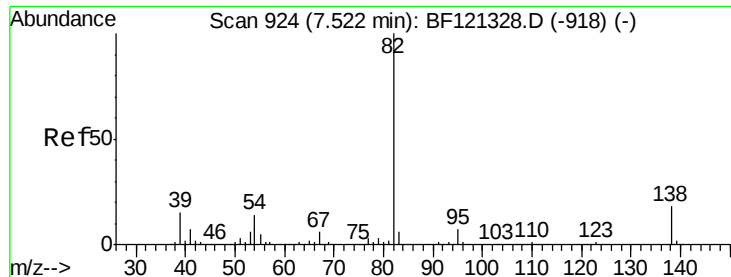


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

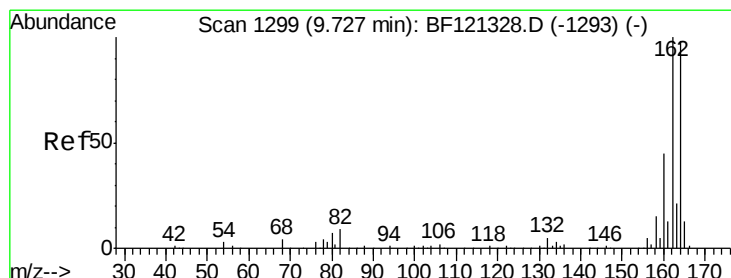
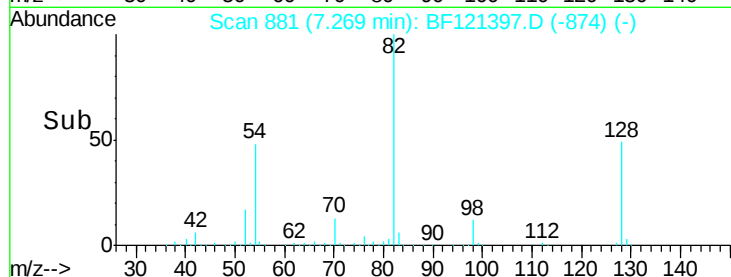
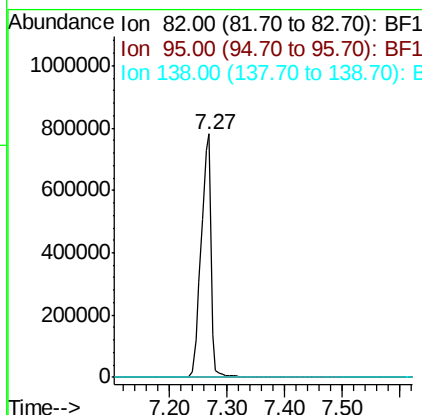
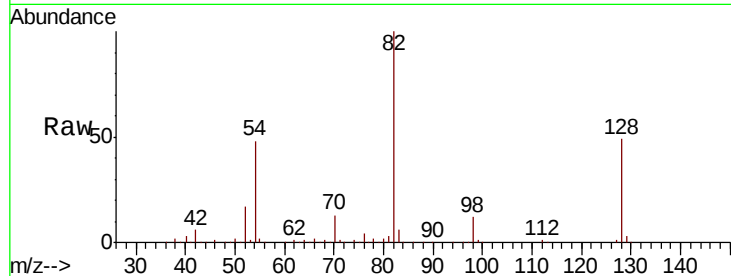




#25
Isophorone
Concen: 40.592 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.26 min
Lab File: BF121397.D
Acq: 24 Aug 2020 13:39

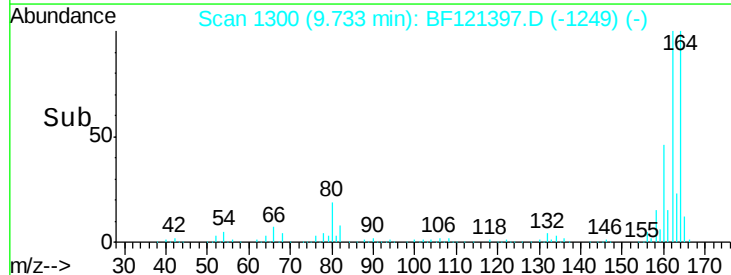
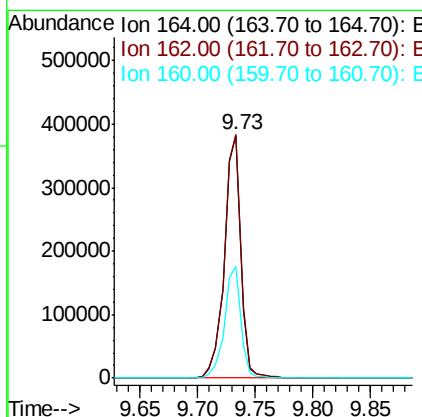
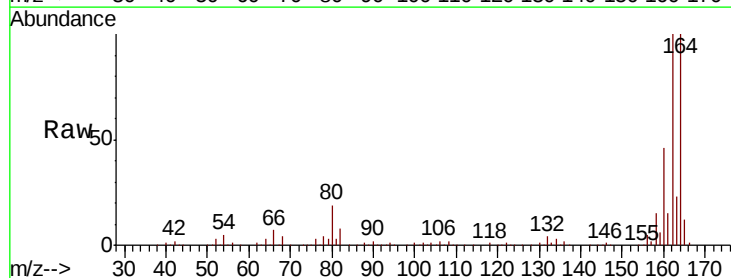
Instrument :
BNA_F
ClientSampleId :
PB131080BL

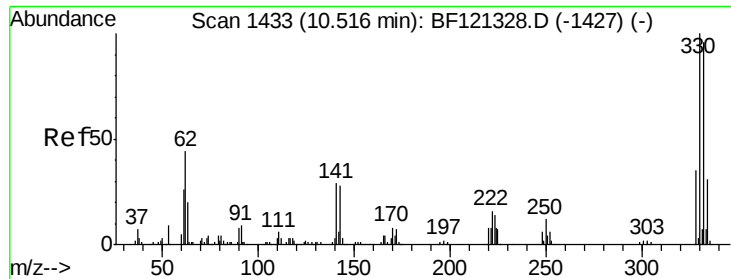
Tot Ion: 82 Resp: 957314
Ion Ratio Lower Upper
82 100
95 0.0 5.3 7.9#
138 0.0 15.0 22.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BF121397.D
Acq: 24 Aug 2020 13:39

Tgt Ion: 164 Resp: 377174
Ion Ratio Lower Upper
164 100
162 100.5 81.9 122.9
160 46.3 37.1 55.7





#42

2,4,6-Tribromophenol

Concen: 66.924 ng

RT: 10.52 min Scan# 1434

Delta R.T. -0.01 min

Lab File: BF121397.D

Acq: 24 Aug 2020 13:39

Instrument :

BNA_F

ClientSampleId :

PB131080BL

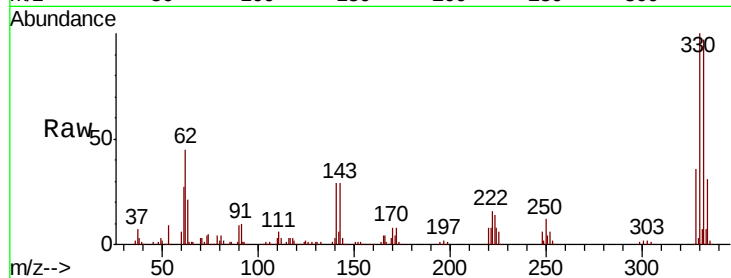
Tot Ion:330 Resp: 294149

Ion Ratio Lower Upper

330 100

332 96.5 77.0 115.6

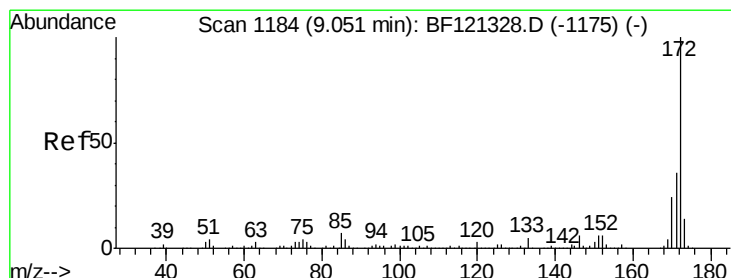
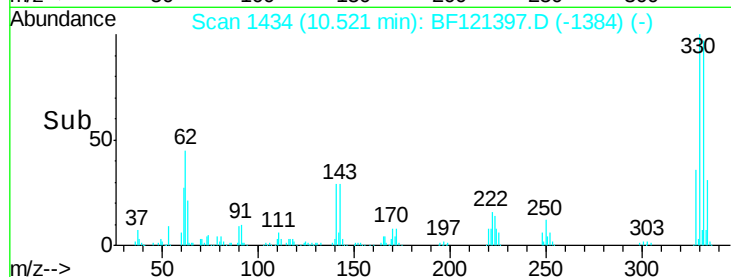
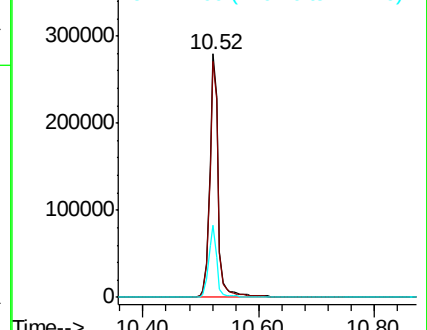
141 28.9 22.8 34.2



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: 81.672 ng

RT: 9.06 min Scan# 1185

Delta R.T. -0.01 min

Lab File: BF121397.D

Acq: 24 Aug 2020 13:39

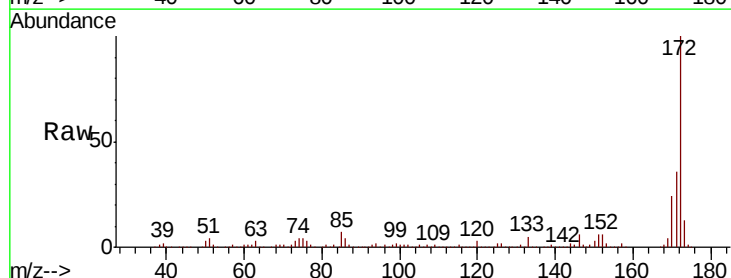
Tgt Ion:172 Resp: 1614604

Ion Ratio Lower Upper

172 100

171 36.1 29.2 43.8

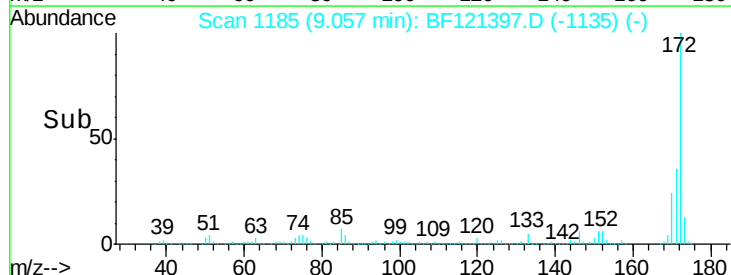
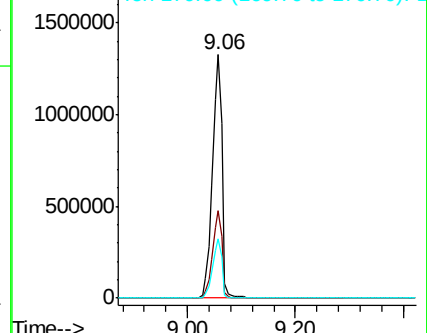
170 24.1 19.6 29.4

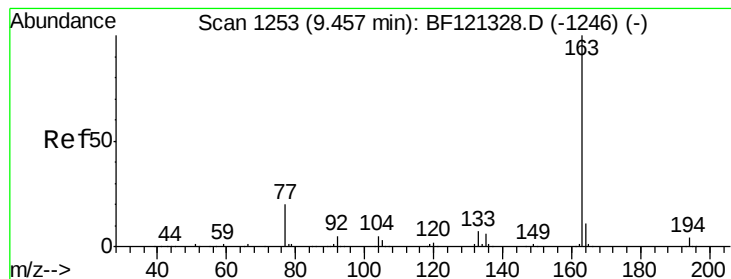


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 2.990 ng

RT: 9.73 min Scan# 1300

Delta R.T. 0.27 min

Lab File: BF121397.D

Acq: 24 Aug 2020 13:39

Instrument :

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ClientSampleId :

PB131080BL

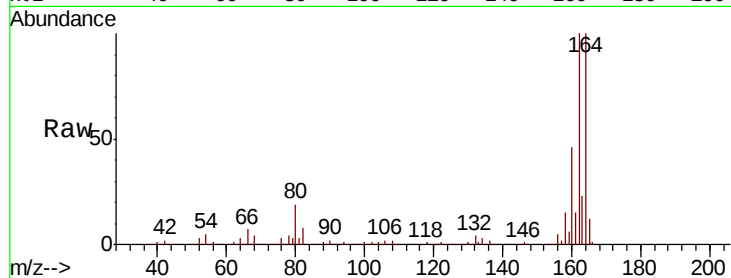
Tot Ion:163 Resp: 82056

Ion Ratio Lower Upper

163 100

194 0.0 3.1 4.7#

164 427.0 8.5 12.7#

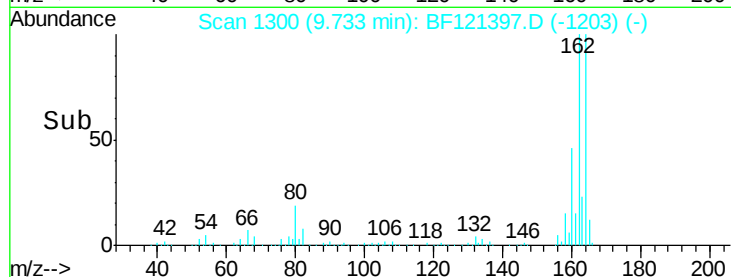


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

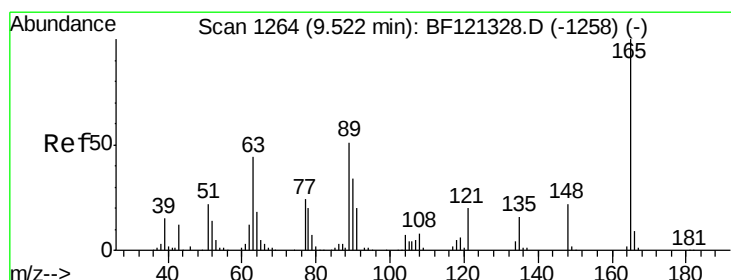
Ion 164.00 (163.70 to 164.70): E

Time-->



Abundance

Time-->



#51

2,6-Dinitrotoluene

Concen: 8.227 ng

RT: 9.73 min Scan# 1300

Delta R.T. 0.20 min

Lab File: BF121397.D

Acq: 24 Aug 2020 13:39

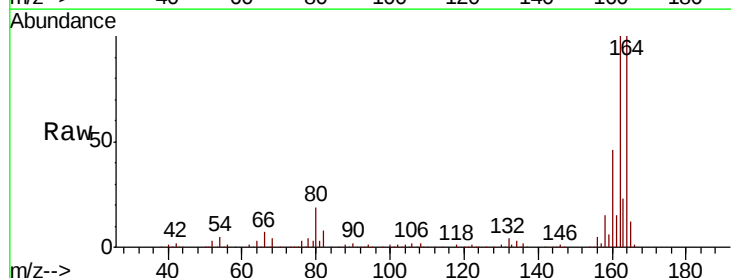
Tgt Ion:165 Resp: 48213

Ion Ratio Lower Upper

165 100

63 1.1 36.1 54.1#

89 1.7 39.4 59.2#

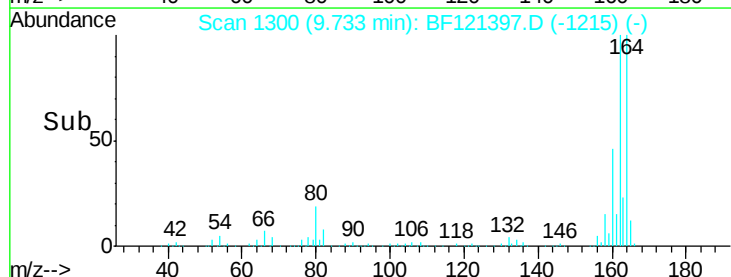


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

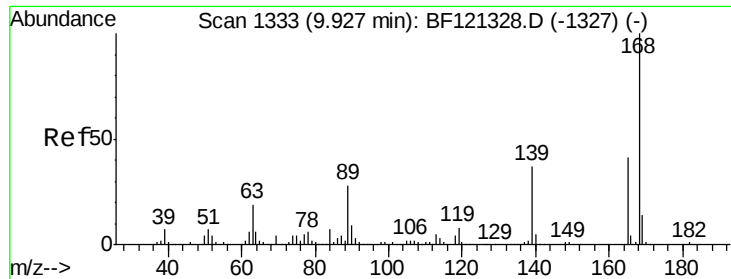
Ion 89.00 (88.70 to 89.70): BF1

Time-->



Abundance

Time-->



#57

2,4-Dinitrotoluene

Concen: 6.744 ng

RT: 9.73 min Scan# 1300

Delta R.T. -0.21 min

Lab File: BF121397.D

Acq: 24 Aug 2020 13:39

Instrument :

BNA_F

ClientSampleId :

PB131080BL

Tot Ion:165 Resp: 48213

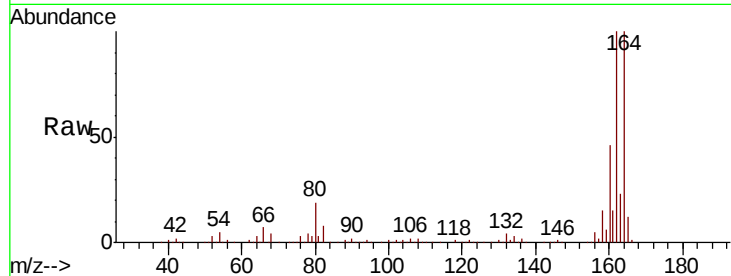
Ion Ratio Lower Upper

165 100

63 1.1 45.0 67.6#

89 1.7 60.2 90.2#

182 0.0 2.1 3.1#

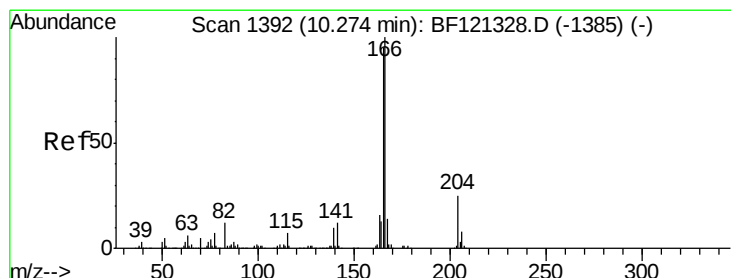
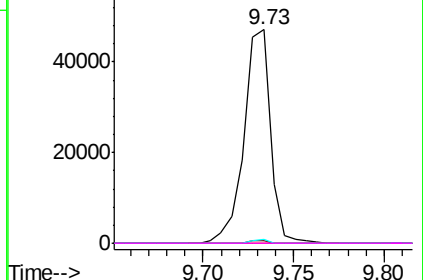
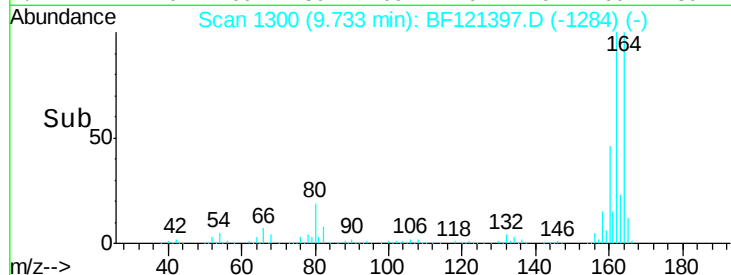


Abundance Ion 165.00 (164.70 to 165.70): E

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



#58

Fluorene

Concen: Below Cal

RT: 10.52 min Scan# 1434

Delta R.T. 0.24 min

Lab File: BF121397.D

Acq: 24 Aug 2020 13:39

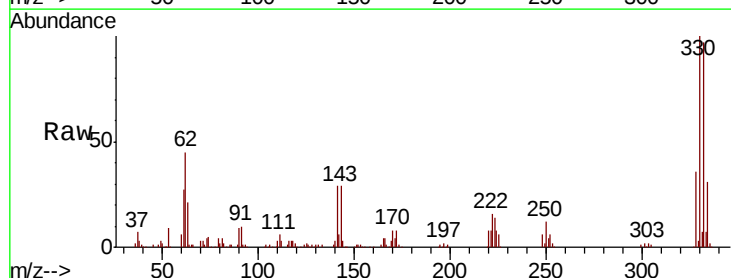
Tgt Ion:166 Resp: 11240

Ion Ratio Lower Upper

166 100

165 98.4 75.0 112.6

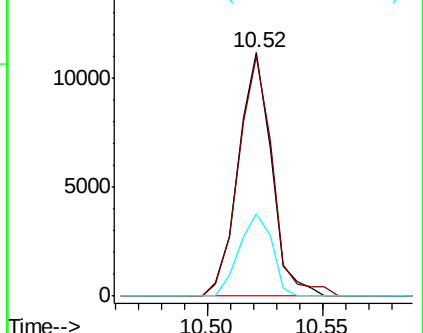
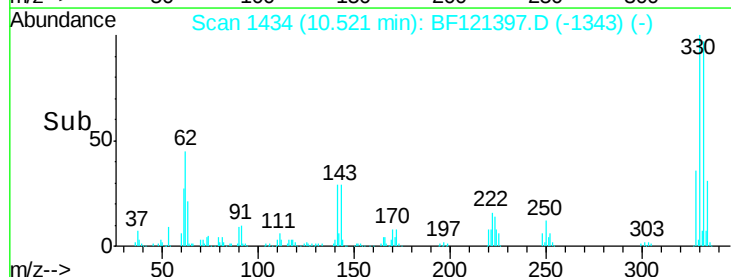
167 33.8 10.8 16.2#

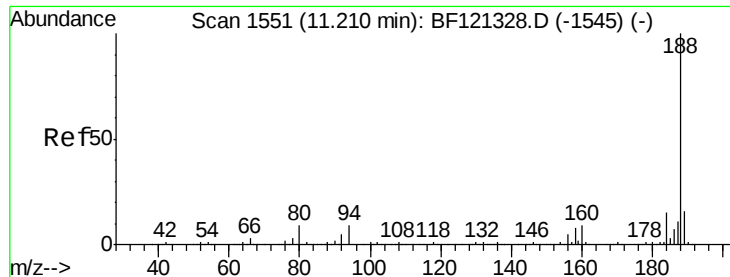


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.22 min Scan# 1552

Delta R.T. -0.01 min

Lab File: BF121397.D

Acq: 24 Aug 2020 13:39

Instrument :

BNA_F

ClientSampleId :

PB131080BL

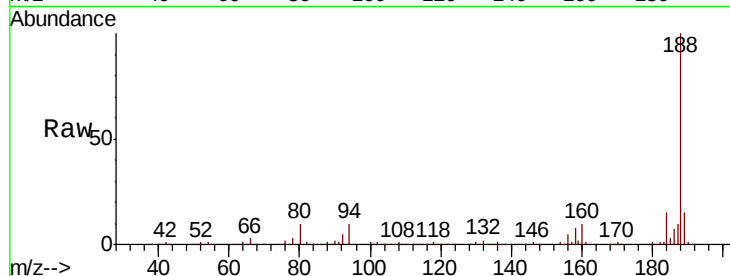
Tot Ion:188 Resp: 723689

Ion Ratio Lower Upper

188 100

94 9.6 7.1 10.7

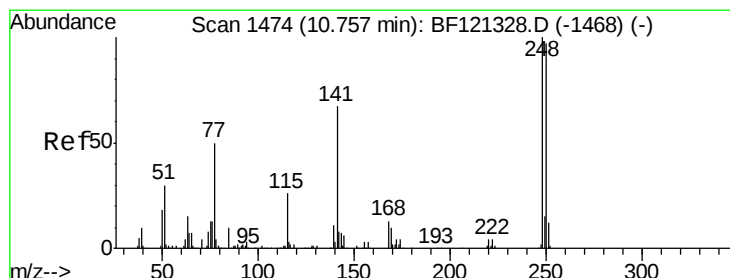
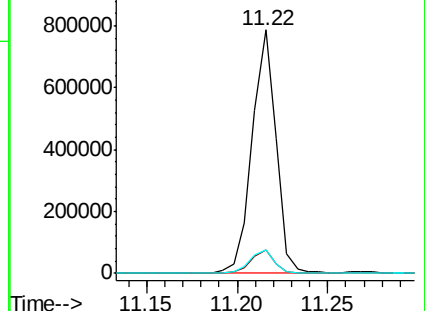
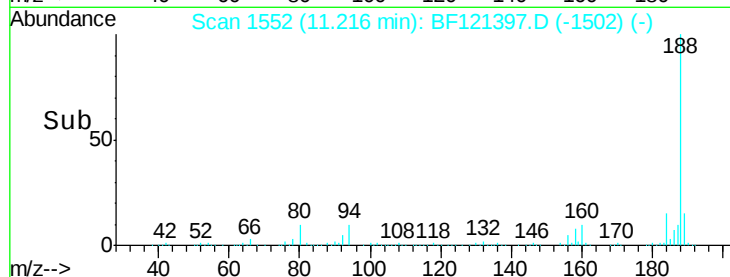
80 9.9 7.1 10.7



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: 2.071 ng

RT: 10.52 min Scan# 1434

Delta R.T. -0.24 min

Lab File: BF121397.D

Acq: 24 Aug 2020 13:39

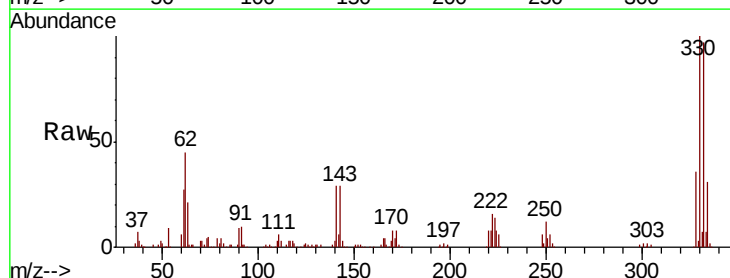
Tgt Ion:248 Resp: 16629

Ion Ratio Lower Upper

248 100

250 196.9 77.0 115.6#

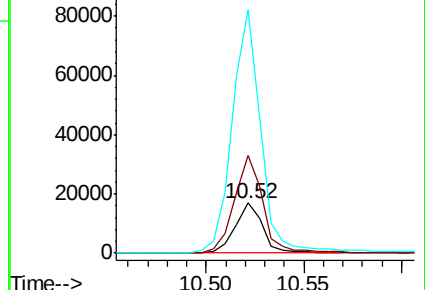
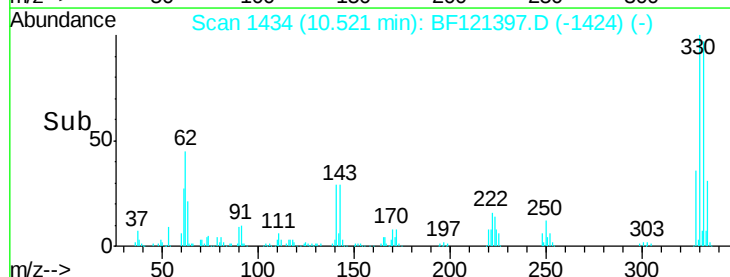
141 489.8 57.4 86.2#

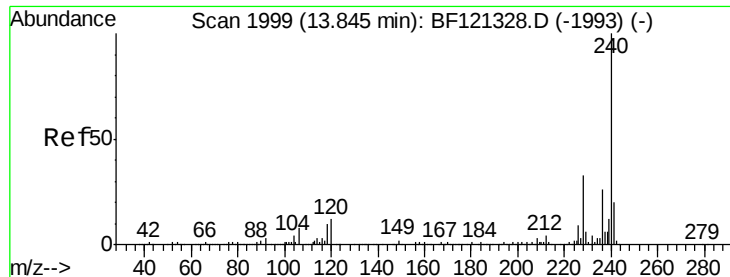


Abundance Ion 248.00 (247.70 to 248.70): E

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: 13.85 min Scan# 2000

Delta R.T. -0.01 min

Lab File: BF121397.D

Acq: 24 Aug 2020 13:39

Instrument :

BNA_F

ClientSampleId :

PB131080BL

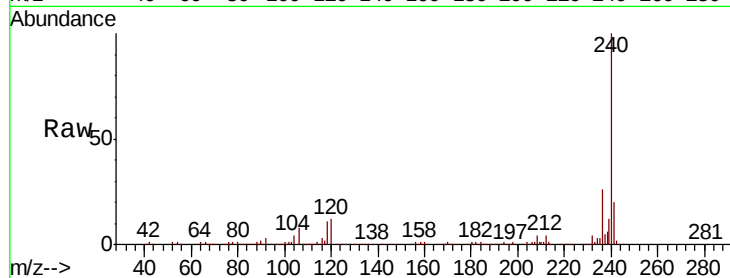
Tot Ion:240 Resp: 610144

Ion Ratio Lower Upper

240 100

120 12.2 8.7 13.1

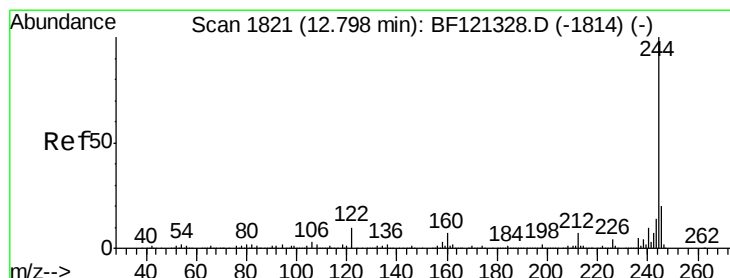
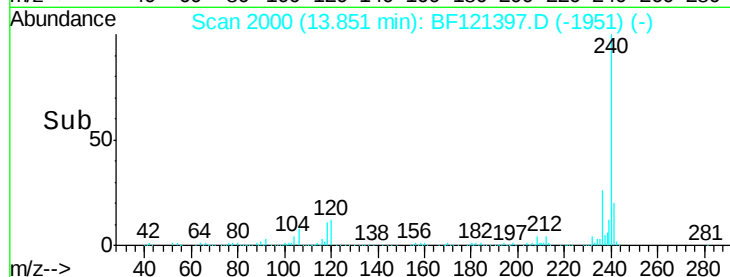
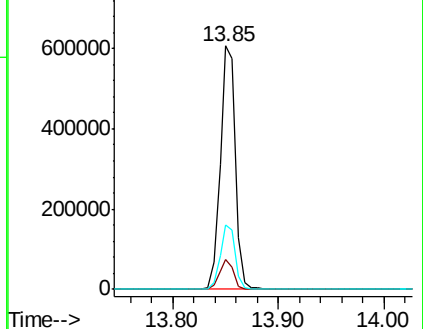
236 26.5 21.0 31.4



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



#79

Terphenyl-d14

Concen: 56.089 ng

RT: 12.81 min Scan# 1823

Delta R.T. -0.00 min

Lab File: BF121397.D

Acq: 24 Aug 2020 13:39

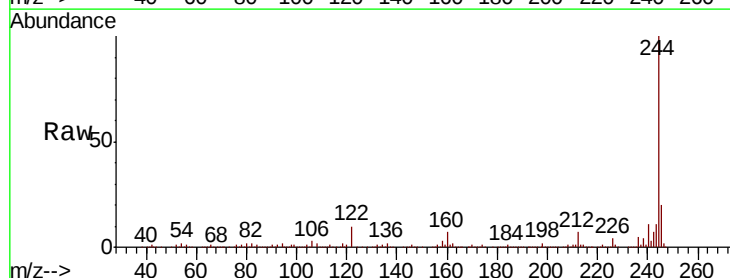
Tgt Ion:244 Resp: 1751261

Ion Ratio Lower Upper

244 100

212 6.8 5.5 8.3

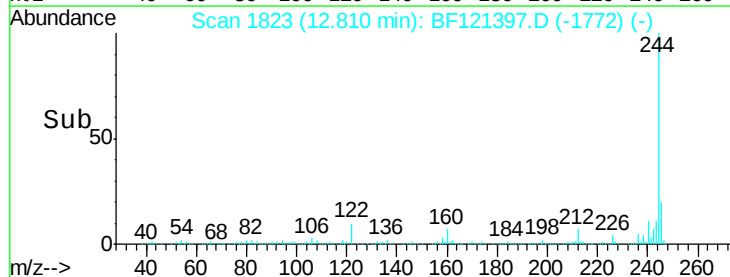
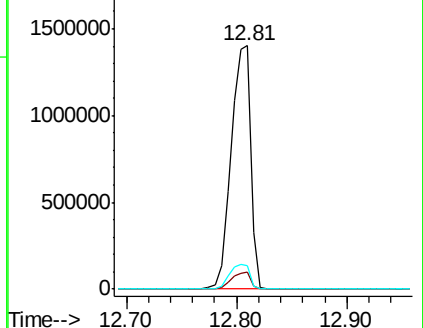
122 9.7 7.7 11.5

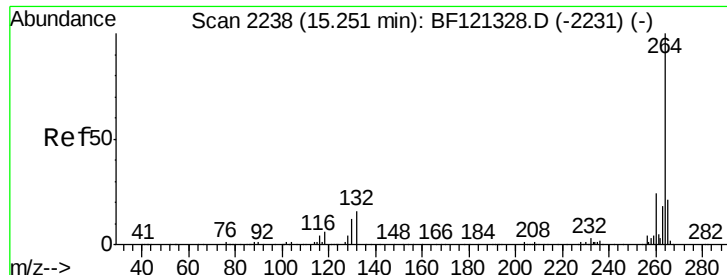


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.27 min Scan# 2241
 Delta R.T. -0.01 min
 Lab File: BF121397.D
 Acq: 24 Aug 2020 13:39

Instrument :
 BNA_F
 ClientSampleId :
 PB131080BL

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.8	17.3	25.9

