

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100620\
 Data File : BF121842.D
 Acq On : 6 Oct 2020 9:33
 Operator : JU/CG
 Sample : PB132042BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB132042BL

Quant Time: Oct 06 11:50:55 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 01 14:29:14 2020
 Response via : Initial Calibration

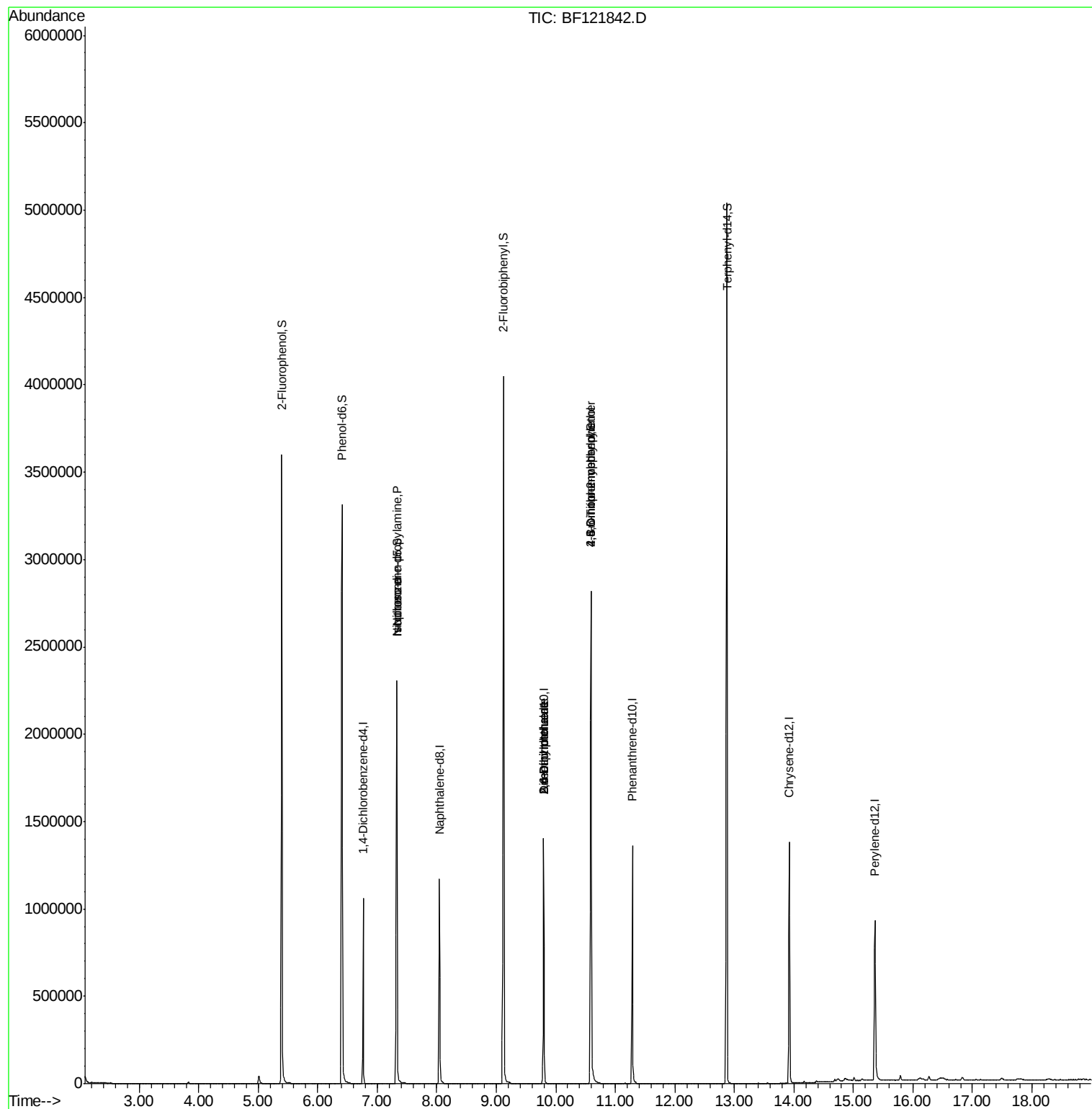
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	140952	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	556342	20.00	ng	-0.01
39) Acenaphthene-d10	9.80	164	290626	20.00	ng	-0.01
64) Phenanthrene-d10	11.29	188	562276	20.00	ng	0.00
76) Chrysene-d12	13.92	240	499640	20.00	ng	-0.01
86) Perylene-d12	15.36	264	458295	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	1037759	109.42	ng	0.01
7) Phenol-d6	6.41	99	1324036	106.41	ng	0.00
23) Nitrobenzene-d5	7.33	82	940197	90.74	ng	0.00
42) 2,4,6-Tribromophenol	10.59	330	427927	118.47	ng	-0.01
45) 2-Fluorobiphenyl	9.12	172	1599566	83.36	ng	-0.01
79) Terphenyl-d14	12.87	244	1805709	73.22	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.33	70	126155	17.592	ng	# 77
25) Isophorone	7.33	82	936052	44.877	ng	# 67
50) Dimethylphthalate	9.80	163	58661	2.785	ng	# 1
51) 2,6-Dinitrotoluene	9.80	165	36514	8.140	ng	# 20
57) 2,4-Dinitrotoluene	9.80	165	36514	6.470	ng	# 20
65) 4,6-Dinitro-2-methylphenol	10.59	198	781	7.046	ng	# 1
67) 4-Bromophenyl-phenylether	10.59	248	24966	3.900	ng	# 1

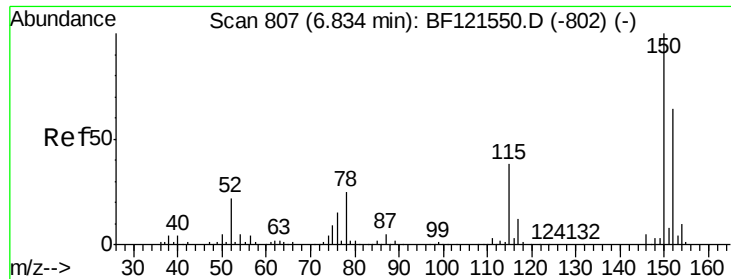
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.76 min Scan# 795

Delta R.T. -0.01 min

Lab File: BF121842.D

Acq: 6 Oct 2020 9:33

Instrument :

BNA_F

ClientSampleId :

PB132042BL

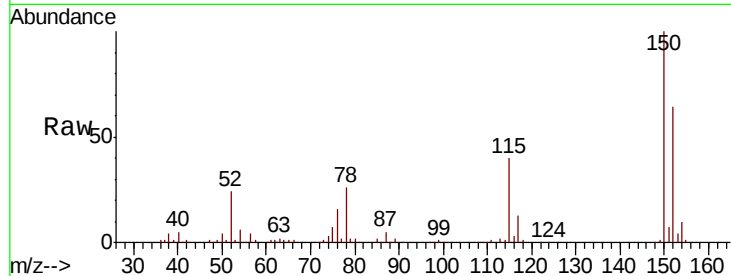
Tot Ion:152 Resp: 140952

Ion Ratio Lower Upper

152 100

150 156.4 125.3 187.9

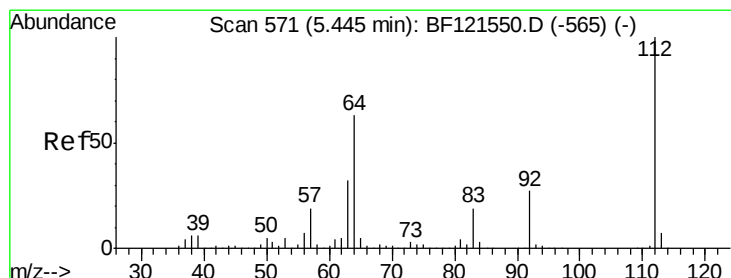
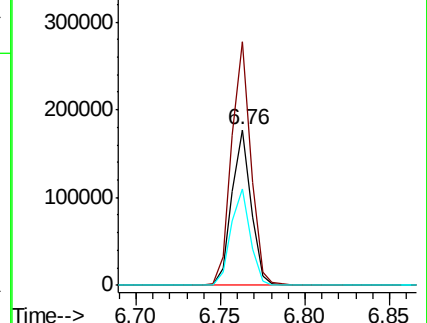
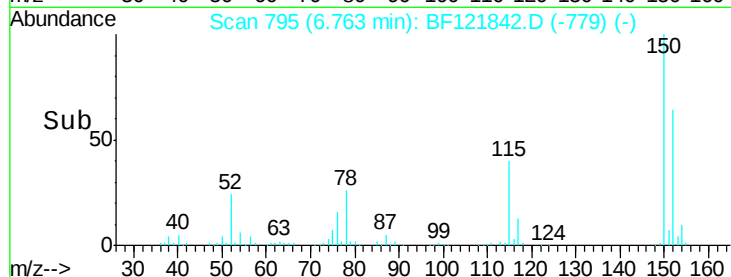
115 61.9 51.9 77.9



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: 109.416 ng

RT: 5.40 min Scan# 563

Delta R.T. 0.01 min

Lab File: BF121842.D

Acq: 6 Oct 2020 9:33

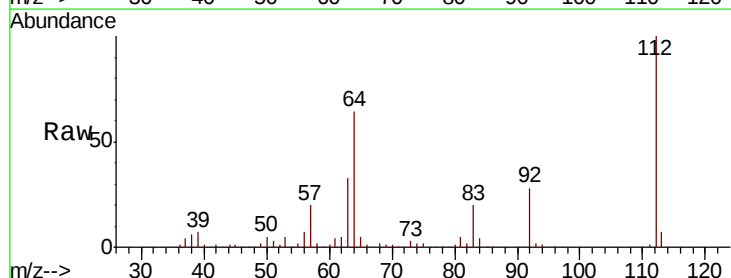
Tgt Ion:112 Resp: 1037759

Ion Ratio Lower Upper

112 100

64 63.8 50.4 75.6

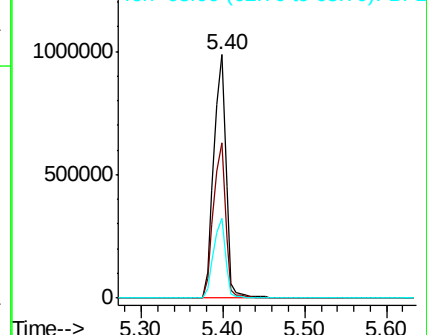
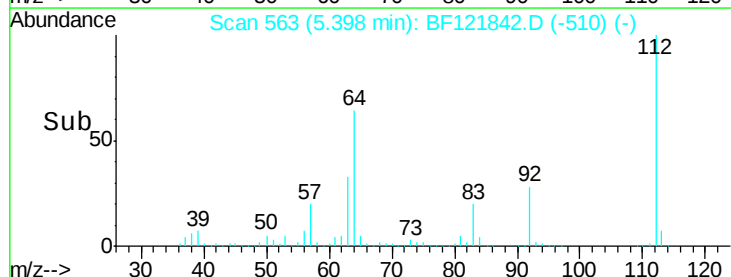
63 32.5 25.8 38.6

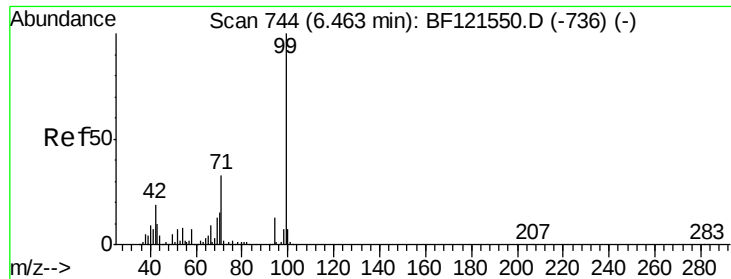


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 106.407 ng

RT: 6.41 min Scan# 735

Delta R.T. -0.01 min

Lab File: BF121842.D

Acq: 6 Oct 2020 9:33

Instrument :

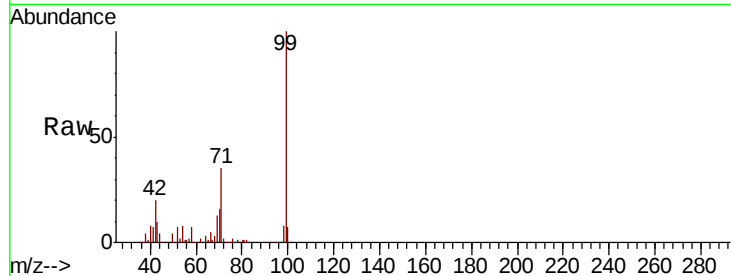
BNA_F

ClientSampleId :

PB132042BL

Tot Ion: 99 Resp: 1324036

Ion	Ratio	Lower	Upper
99	100		
42	20.2	15.9	23.9
71	35.1	27.1	40.7

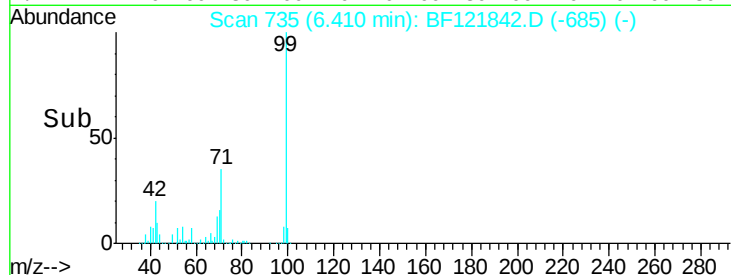


Abundance

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

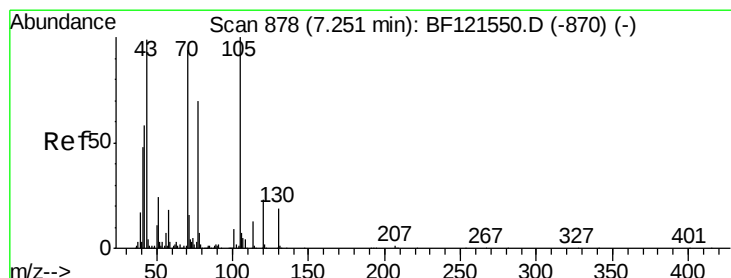


Abundance

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: 17.592 ng

RT: 7.33 min Scan# 892

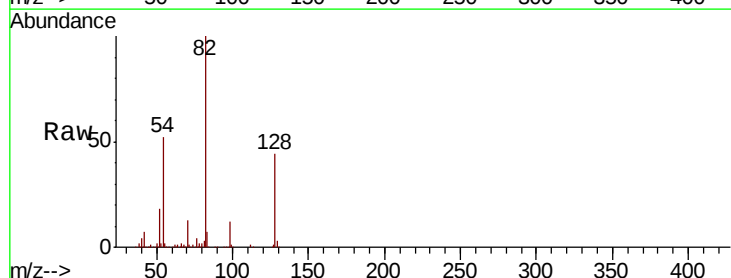
Delta R.T. 0.14 min

Lab File: BF121842.D

Acq: 6 Oct 2020 9:33

Tgt Ion: 70 Resp: 126155

Ion	Ratio	Lower	Upper
70	100		
42	48.6	50.2	75.4#
101	0.0	7.5	11.3#
130	2.0	15.5	23.3#



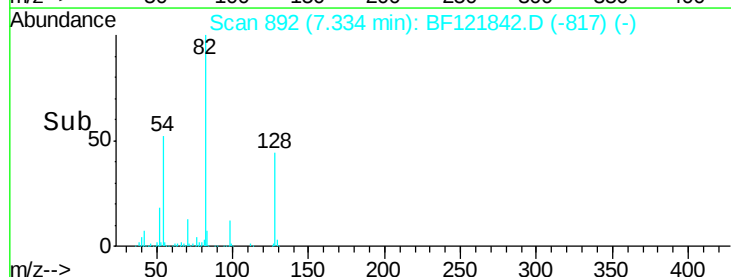
Abundance

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



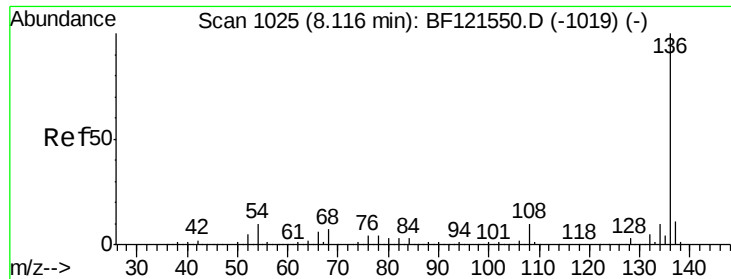
Abundance

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

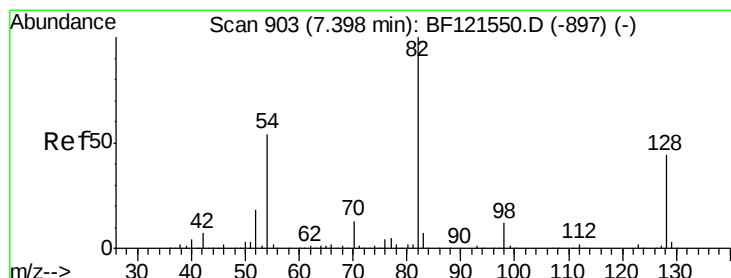
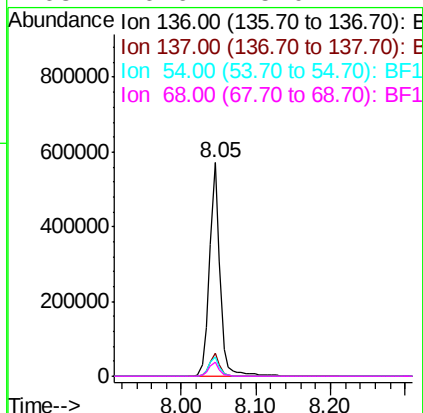
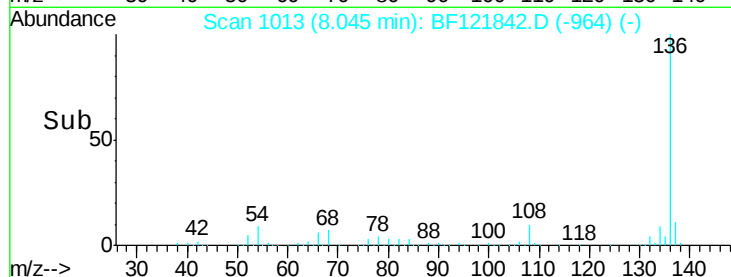
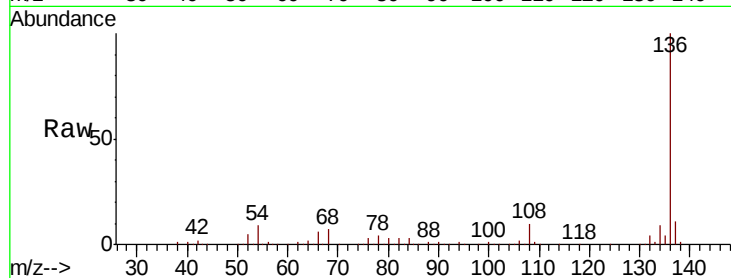
Ion 130.00 (129.70 to 130.70): BF1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.05 min Scan# 1013
Delta R.T. -0.01 min
Lab File: BF121842.D
Acq: 6 Oct 2020 9:33

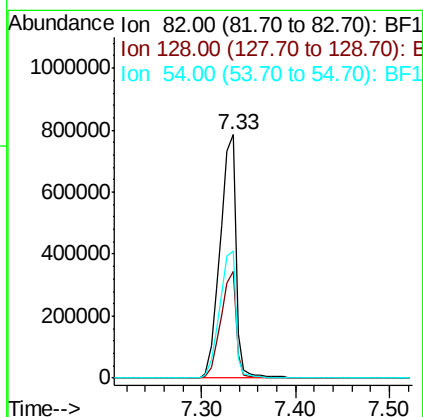
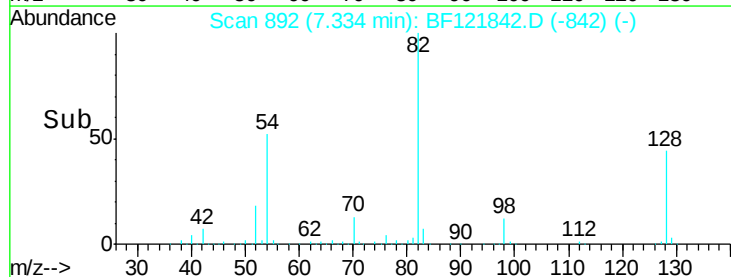
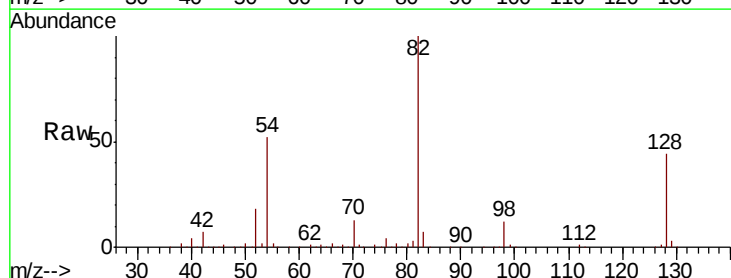
Instrument :
BNA_F
ClientSampleId :
PB132042BL

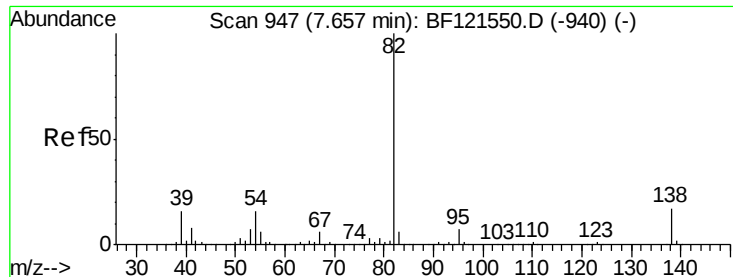
Tot Ion:136 Resp: 556342
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 9.1 7.1 10.7
68 6.6 5.0 7.4



#23
Nitrobenzene-d5
Concen: 90.737 ng
RT: 7.33 min Scan# 892
Delta R.T. -0.01 min
Lab File: BF121842.D
Acq: 6 Oct 2020 9:33

Tgt Ion: 82 Resp: 940197
Ion Ratio Lower Upper
82 100
128 44.0 35.0 52.4
54 52.0 43.9 65.9





#25

Isophorone

Concen: 44.877 ng

RT: 7.33 min Scan# 892

Delta R.T. -0.26 min

Lab File: BF121842.D

Acq: 6 Oct 2020 9:33

Instrument :

BNA_F

ClientSampleId :

PB132042BL

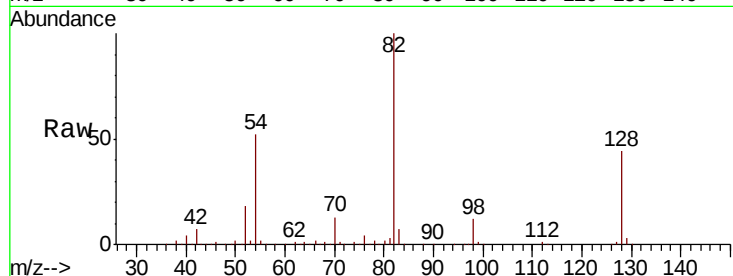
Tot Ion: 82 Resp: 936052

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.0#

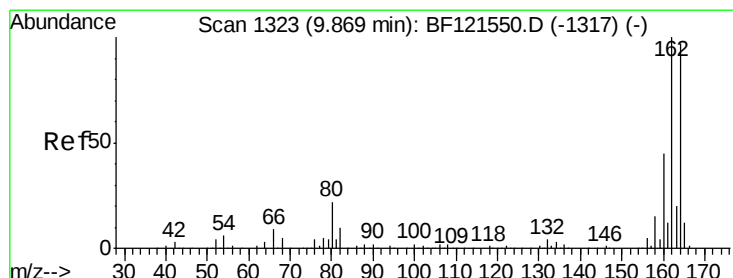
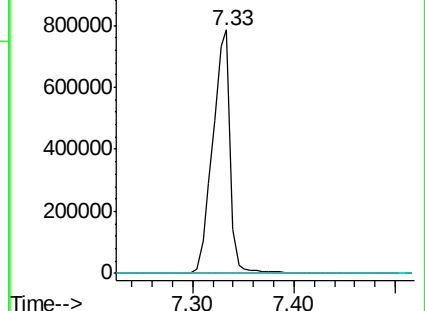
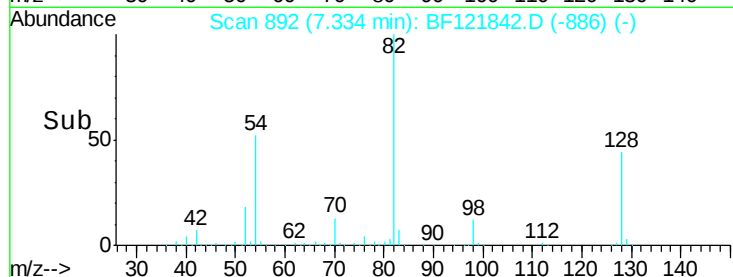
138 0.0 13.4 20.0#



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: 9.80 min Scan# 1311

Delta R.T. -0.01 min

Lab File: BF121842.D

Acq: 6 Oct 2020 9:33

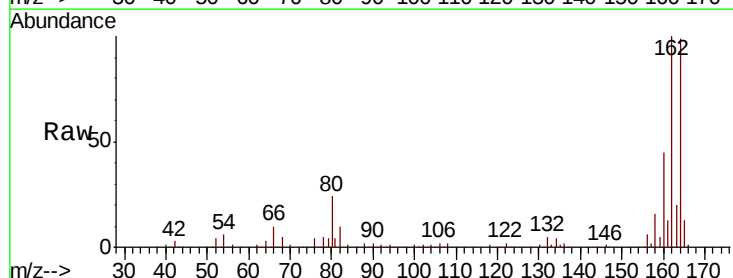
Tgt Ion: 164 Resp: 290626

Ion Ratio Lower Upper

164 100

162 100.9 83.2 124.8

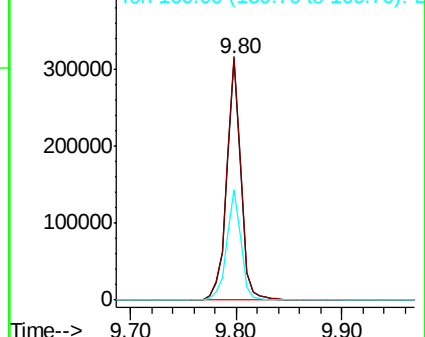
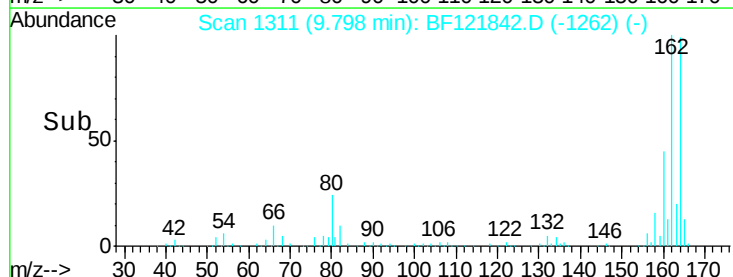
160 45.9 37.5 56.3

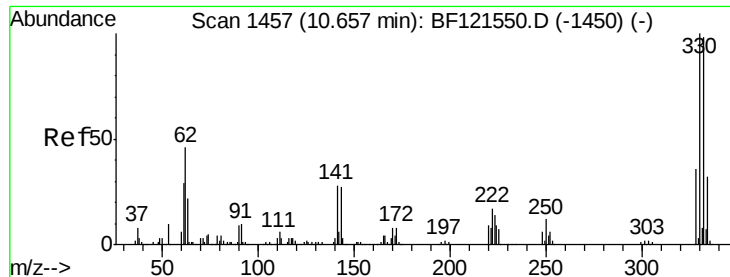


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

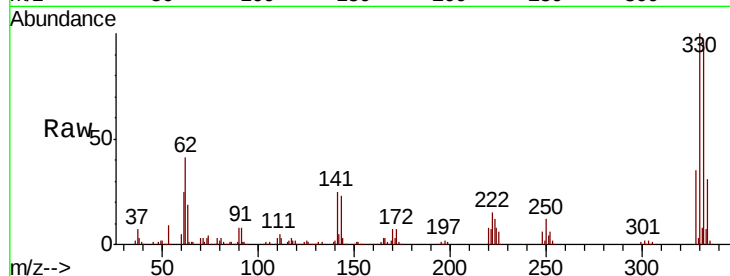




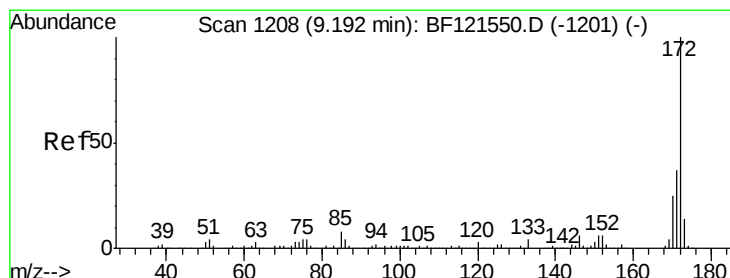
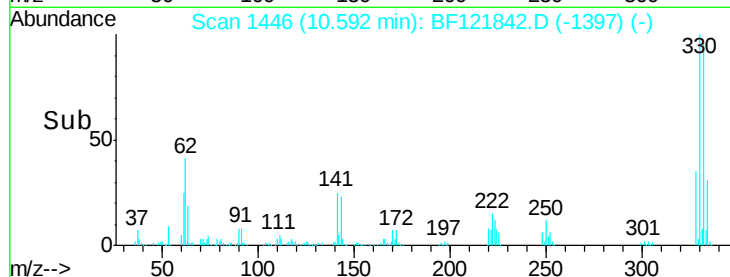
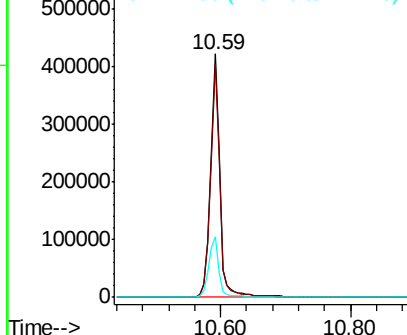
#42
 2,4,6-Tribromophenol
 Concen: 118.471 ng
 RT: 10.59 min Scan# 1446
 Delta R.T. -0.01 min
 Lab File: BF121842.D
 Acq: 6 Oct 2020 9:33

Instrument :
 BNA_F
 ClientSampled :
 PB132042BL

Tot Ion:330 Resp: 427927
 Ion Ratio Lower Upper
 330 100
 332 95.5 77.3 115.9
 141 27.8 22.3 33.5

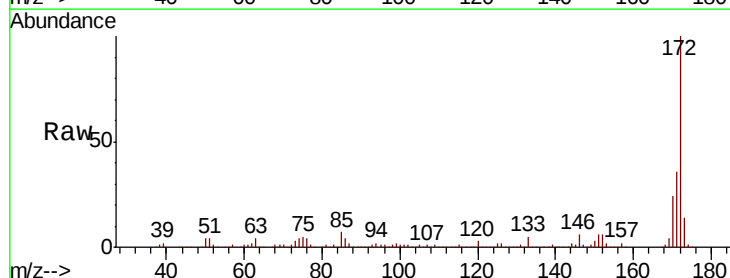


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

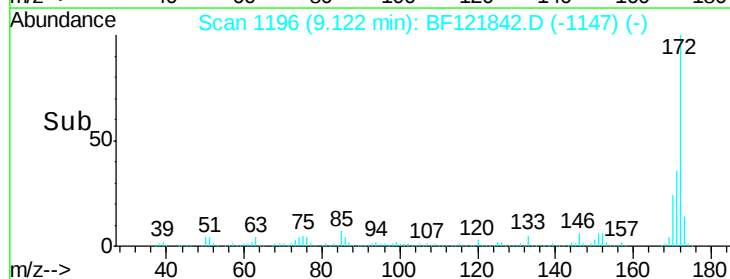
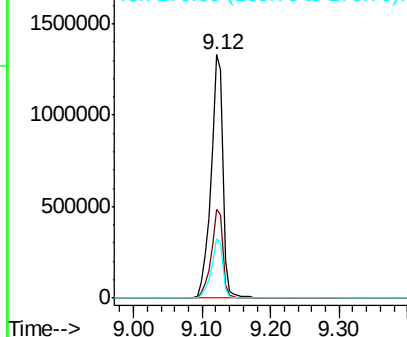


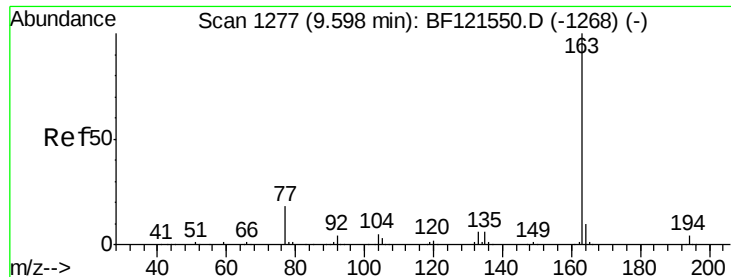
#45
 2-Fluorobiphenyl
 Concen: 83.358 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF121842.D
 Acq: 6 Oct 2020 9:33

Tgt Ion:172 Resp: 1599566
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.1 43.7
 170 24.4 19.8 29.6



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

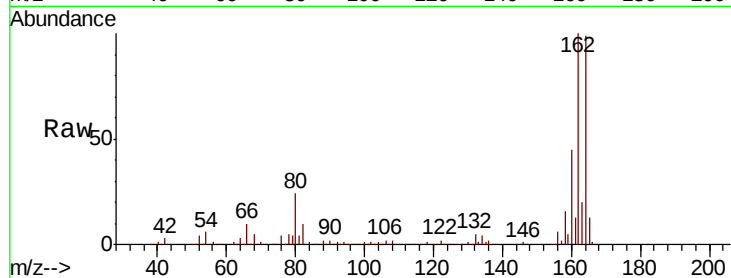




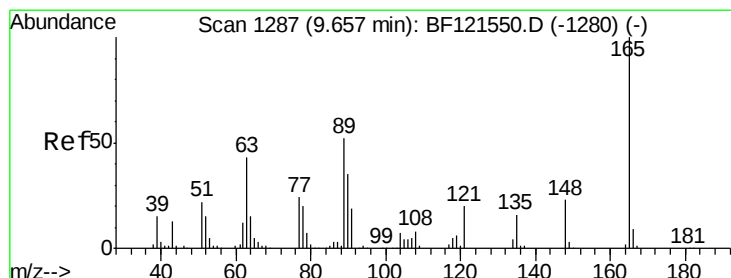
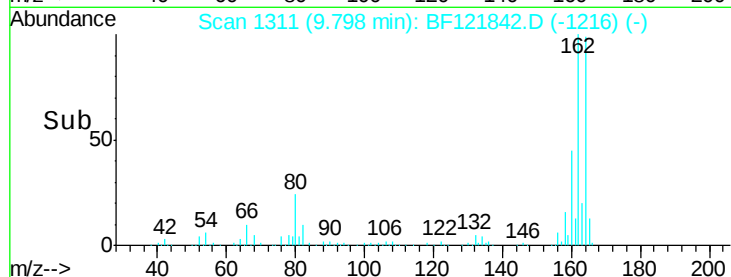
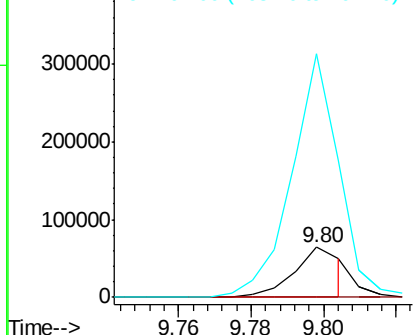
#50
Dimethylphthalate
Concen: 2.785 ng
RT: 9.80 min Scan# 1311
Delta R.T. 0.26 min
Lab File: BF121842.D
Acq: 6 Oct 2020 9:33

Instrument :
BNA_F
ClientSampleId :
PB132042BL

Tot Ion:163 Resp: 58661
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 484.1 8.2 12.4#

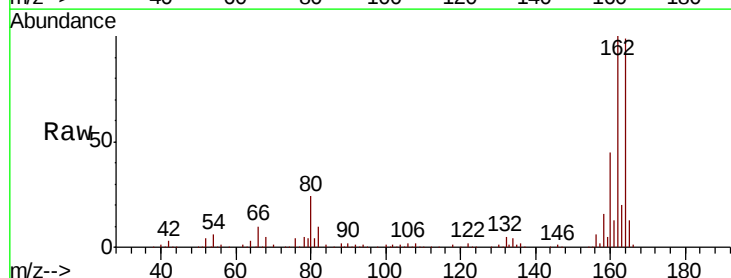


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

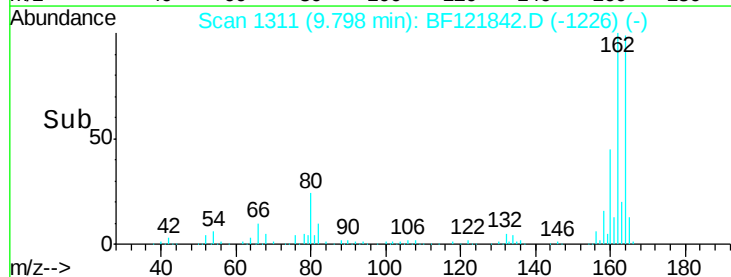
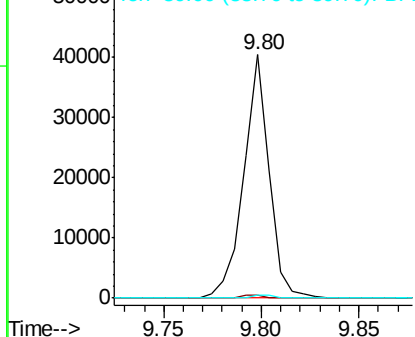


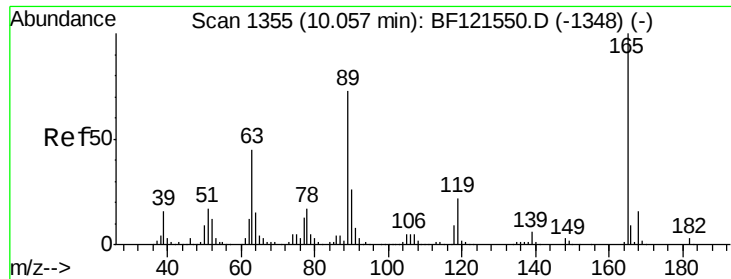
#51
2,6-Dinitrotoluene
Concen: 8.140 ng
RT: 9.80 min Scan# 1311
Delta R.T. 0.20 min
Lab File: BF121842.D
Acq: 6 Oct 2020 9:33

Tgt Ion:165 Resp: 36514
Ion Ratio Lower Upper
165 100
63 1.2 51.8 77.6#
89 1.3 49.0 73.6#



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

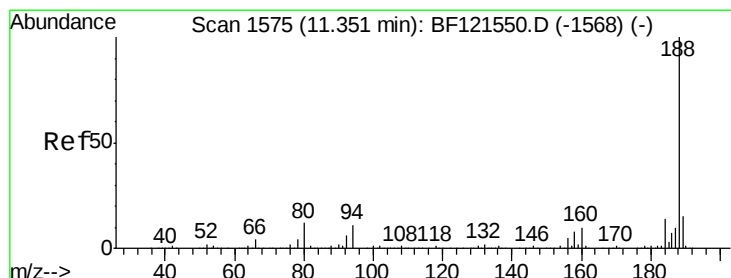
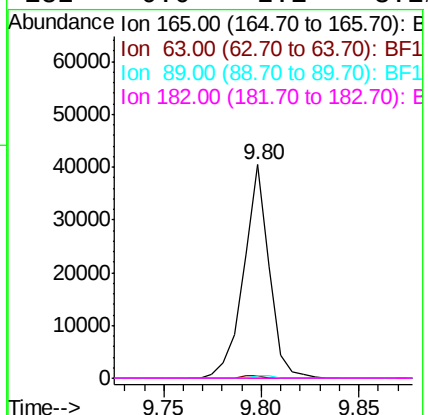
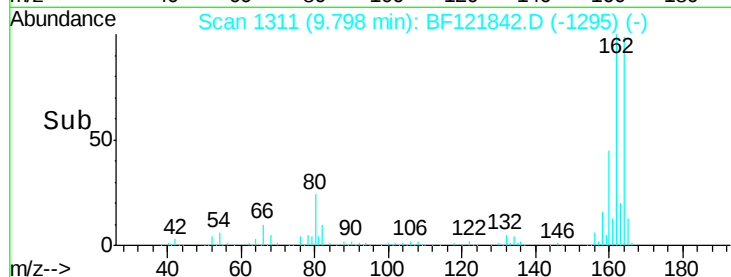
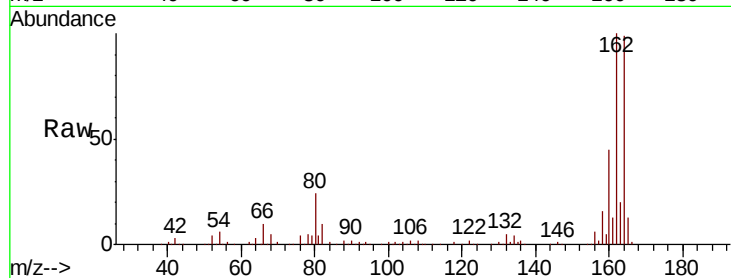




#57
 2,4-Dinitrotoluene
 Concen: 6.470 ng
 RT: 9.80 min Scan# 1311
 Delta R.T. -0.21 min
 Lab File: BF121842.D
 Acq: 6 Oct 2020 9:33

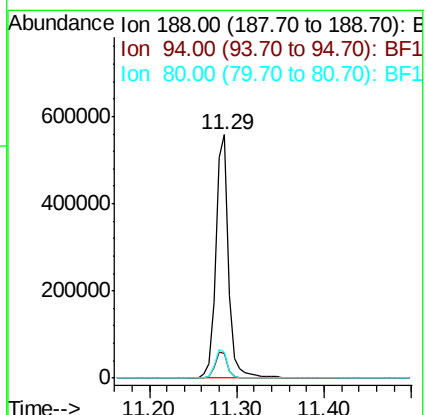
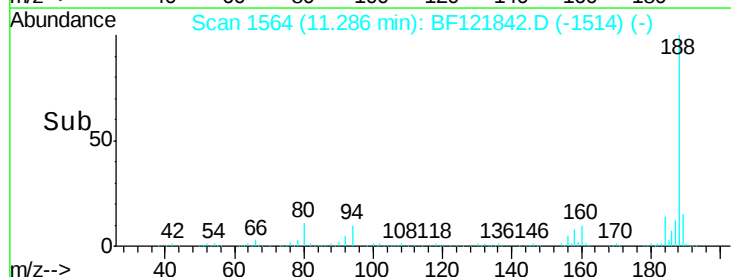
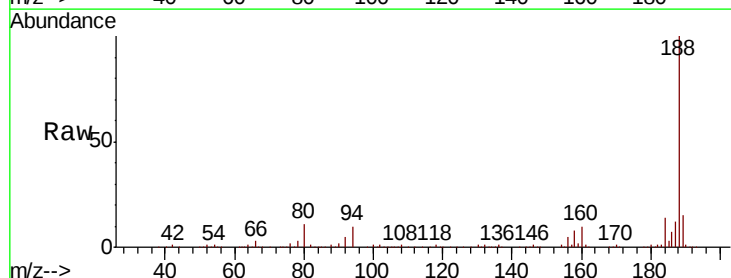
Instrument :
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 ClientSampleId :
 PB132042BL

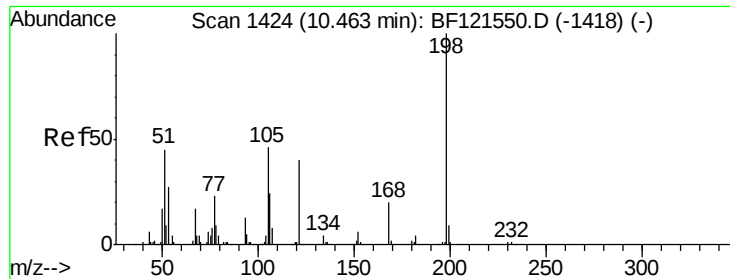
Tot Ion:165	Resp:	36514
Ion Ratio	Lower	Upper
165	100	
63	1.2	41.3 61.9#
89	1.3	61.8 92.8#
182	0.0	2.1 3.1#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.29 min Scan# 1564
 Delta R.T. -0.01 min
 Lab File: BF121842.D
 Acq: 6 Oct 2020 9:33

Tgt Ion:188	Resp:	562276
Ion Ratio	Lower	Upper
188	100	
94	9.9	8.3 12.5
80	10.5	9.1 13.7





#65

4,6-Dinitro-2-methylphenol

Concen: 7.046 ng

RT: 10.59 min Scan# 1446

Delta R.T. 0.18 min

Lab File: BF121842.D

Acq: 6 Oct 2020 9:33

Instrument :

BNA_F

ClientSampleId :

PB132042BL

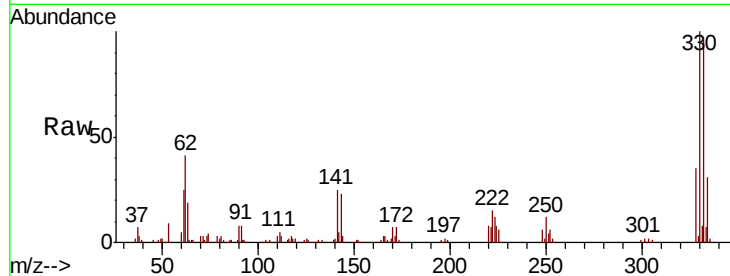
Tot Ion:198 Resp: 781

Ion Ratio Lower Upper

198 100

51 169.6 29.6 69.6#

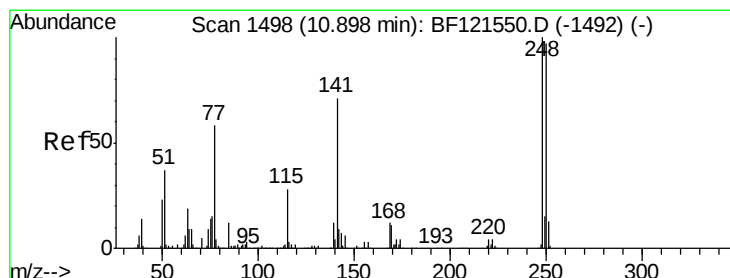
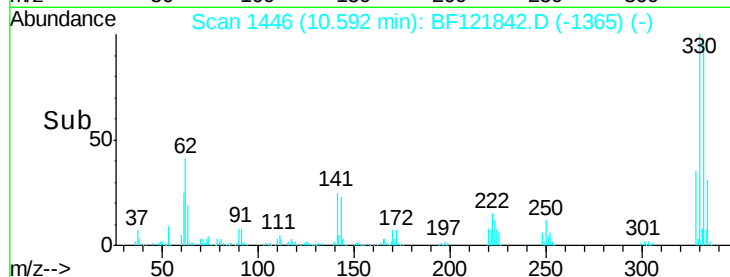
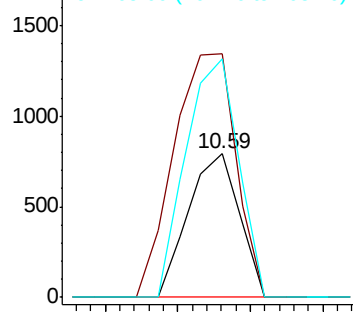
105 166.5 24.4 64.4#



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: 3.900 ng

RT: 10.59 min Scan# 1446

Delta R.T. -0.25 min

Lab File: BF121842.D

Acq: 6 Oct 2020 9:33

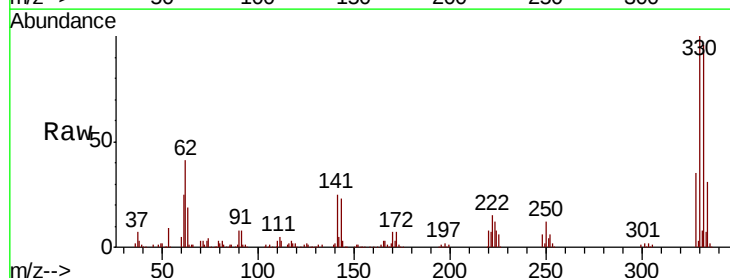
Tgt Ion:248 Resp: 24966

Ion Ratio Lower Upper

248 100

250 202.8 77.0 115.6#

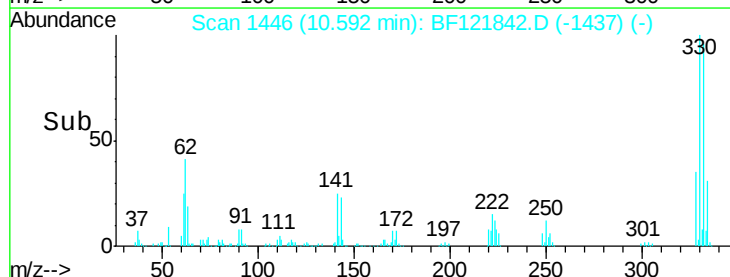
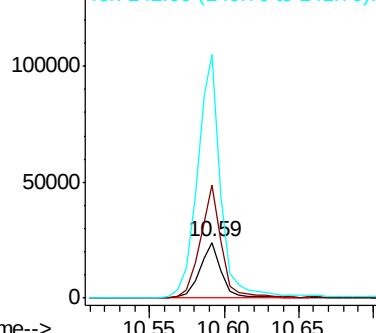
141 434.4 53.7 80.5#

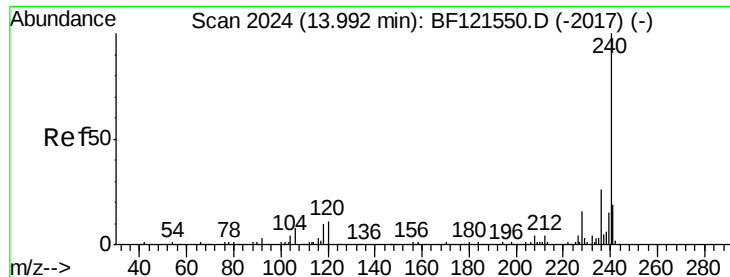


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

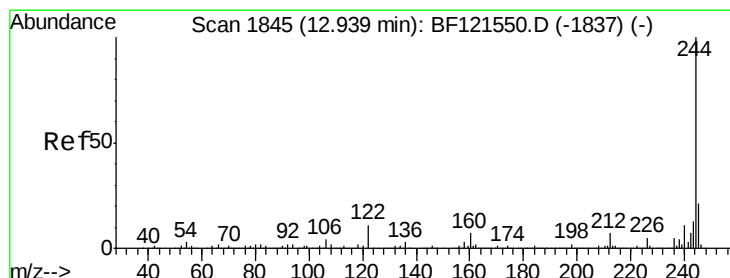
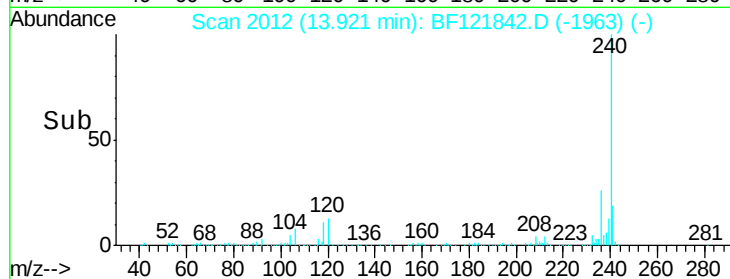
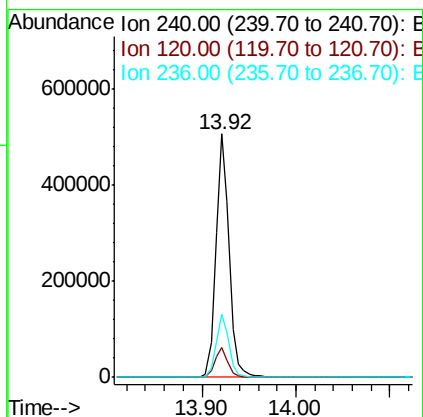
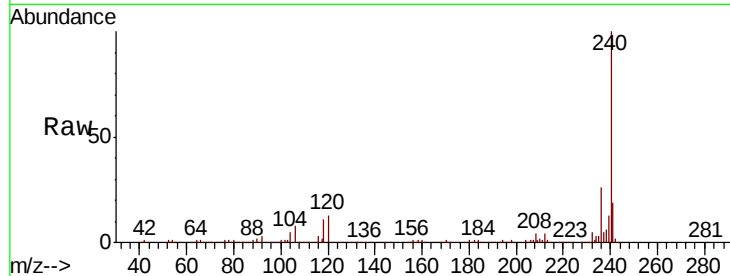




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 13.92 min Scan# 2012
 Delta R.T. -0.01 min
 Lab File: BF121842.D
 Acq: 6 Oct 2020 9:33

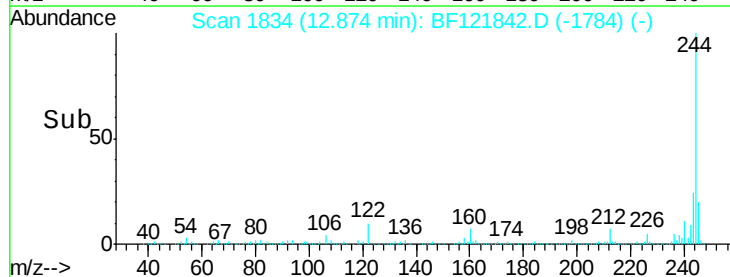
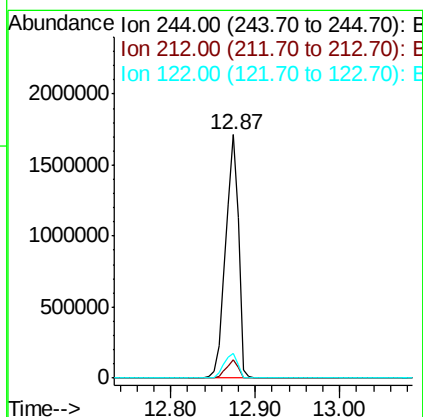
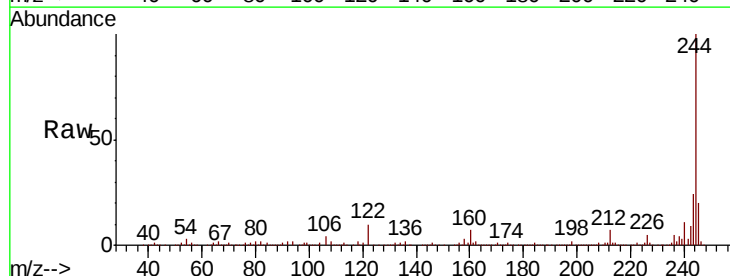
Instrument :
 BNA_F
 ClientSampleId :
 PB132042BL

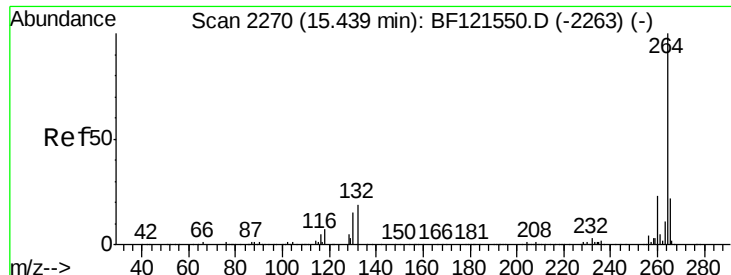
Tot Ion:240 Resp: 499640
 Ion Ratio Lower Upper
 240 100
 120 12.5 9.2 13.8
 236 26.0 20.9 31.3



#79
 Terphenyl-d14
 Concen: 73.217 ng
 RT: 12.87 min Scan# 1834
 Delta R.T. -0.01 min
 Lab File: BF121842.D
 Acq: 6 Oct 2020 9:33

Tgt Ion:244 Resp: 1805709
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.4 8.2
 122 10.3 8.1 12.1





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.36 min Scan# 2257
Delta R.T. 0.00 min
Lab File: BF121842.D
Acq: 6 Oct 2020 9:33

Instrument :
BNA_F
ClientSampleId :
PB132042BL

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.7	28.1
265	21.6	17.3	25.9

