

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090120\
 Data File : BF121499.D
 Acq On : 1 Sep 2020 16:32
 Operator : JU/CG
 Sample : L3848-17
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LINDEN-BH-03-A

Quant Time: Sep 01 17:06:39 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082720.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 28 09:25:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	271891	20.00	ng	-0.01
21) Naphthalene-d8	8.14	136	1026094	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	548199	20.00	ng	-0.01
64) Phenanthrene-d10	11.38	188	1023514	20.00	ng	0.00
76) Chrysene-d12	14.02	240	737415	20.00	ng	0.00
86) Perylene-d12	15.50	264	734557	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.47	112	1294416	79.87	ng	0.00
7) Phenol-d6	6.48	99	1715051	75.73	ng	-0.01
23) Nitrobenzene-d5	7.42	82	1109274	73.91	ng	-0.01
42) 2,4,6-Tribromophenol	10.69	330	531895	96.06	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	2101370	61.85	ng	-0.01
79) Terphenyl-d14	12.97	244	2078738	59.34	ng	0.00

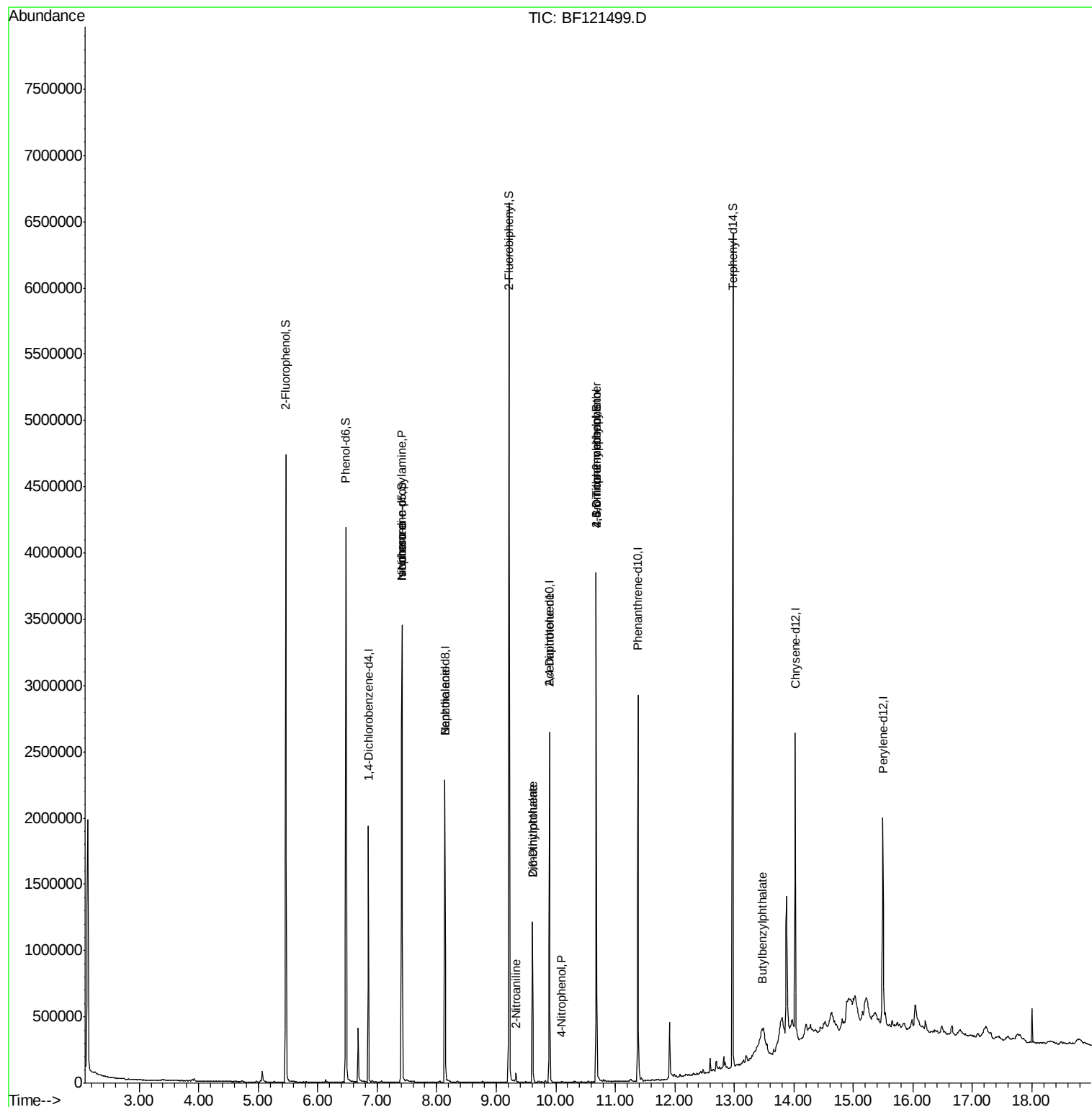
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.48	77	2747	Below Cal		# 2
19) n-Nitroso-di-n-propylamine	7.42	70	145190	11.472	ng	# 78
25) Isophorone	7.42	82	1093896	32.404	ng	# 64
32) Benzoic acid	8.14	122	118	6.677	ng	# 1
48) 2-Nitroaniline	9.33	65	714	6.712	ng	# 5
50) Dimethylphthalate	9.61	163	464067	12.324	ng	# 99
51) 2,6-Dinitrotoluene	9.61	165	5065	7.041	ng	# 22
56) 4-Nitrophenol	10.10	139	110	7.870	ng	# 6
57) 2,4-Dinitrotoluene	9.89	165	72138	14.320	ng	# 21
65) 4,6-Dinitro-2-methylphenol	10.68	198	964	5.958	ng	# 1
67) 4-Bromophenyl-phenylether	10.68	248	30802	2.736	ng	# 1
80) Butylbenzylphthalate	13.46	149	43962	2.167	ng	# 42

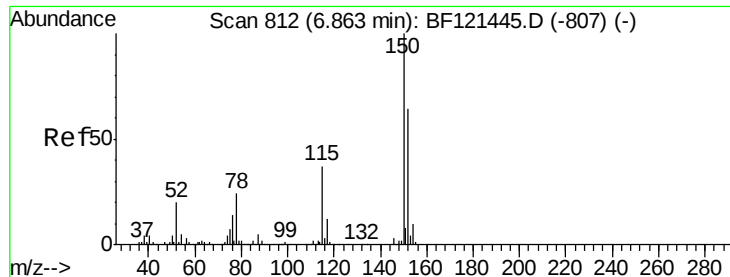
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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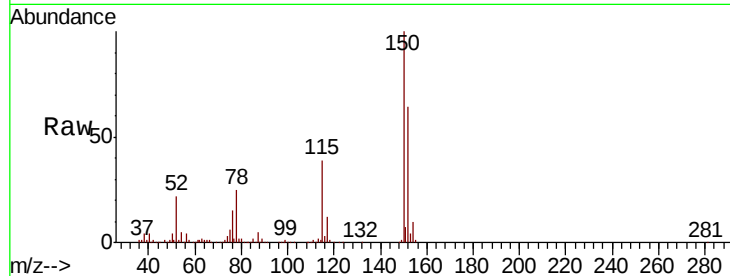


#1

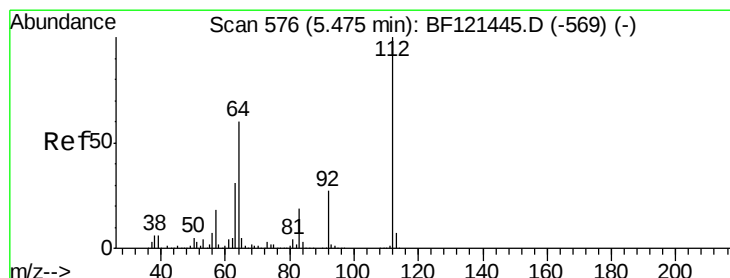
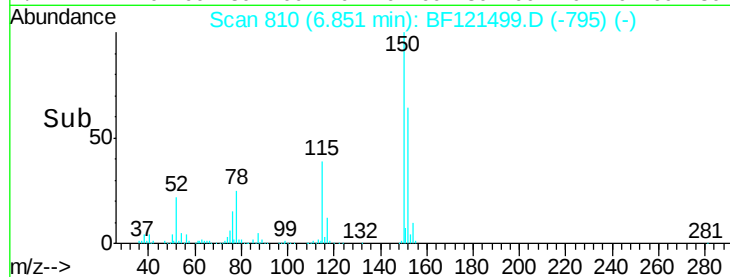
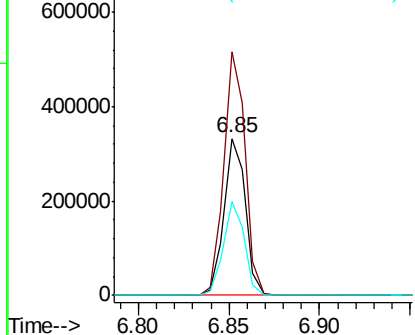
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF121499.D
Acq: 1 Sep 2020 16:32

Instrument :
BNA_F
ClientSampleId :
LINDEN-BH-03-A

Tot Ion:152 Resp: 271891
Ion Ratio Lower Upper
152 100
150 155.5 125.8 188.6
115 60.2 46.6 69.8



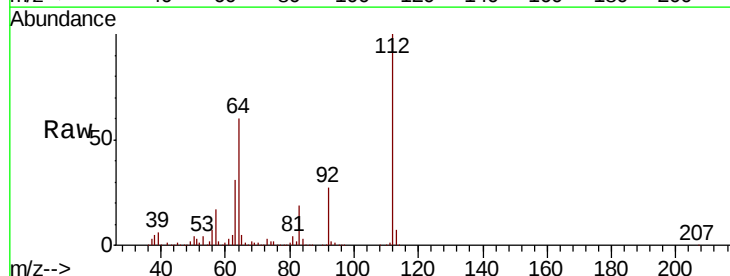
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



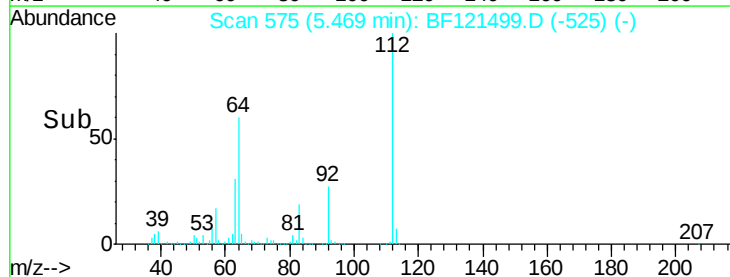
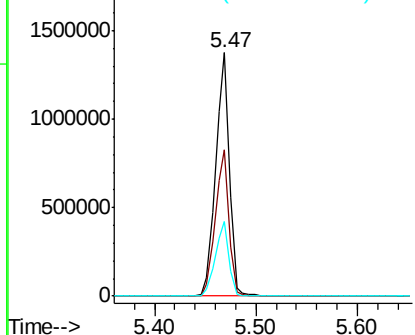
#5

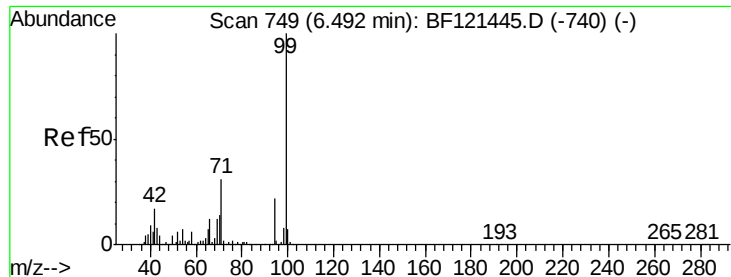
2-Fluorophenol
Concen: 79.874 ng
RT: 5.47 min Scan# 575
Delta R.T. -0.01 min
Lab File: BF121499.D
Acq: 1 Sep 2020 16:32

Tgt Ion:112 Resp: 1294416
Ion Ratio Lower Upper
112 100
64 59.9 48.2 72.2
63 30.5 24.8 37.2



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: 75.730 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF121499.D

Acq: 1 Sep 2020 16:32

Instrument :

BNA_F

ClientSampleId :

LINDEN-BH-03-A

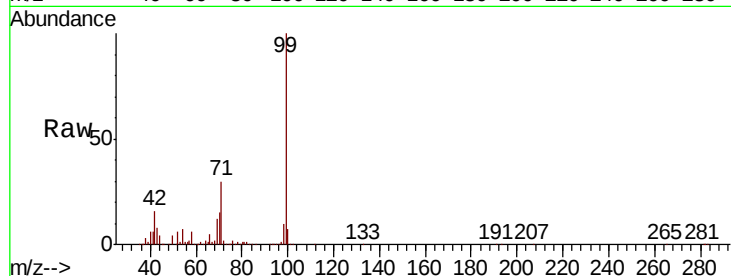
Tot Ion: 99 Resp: 1715051

Ion Ratio Lower Upper

99 100

42 16.1 13.5 20.3

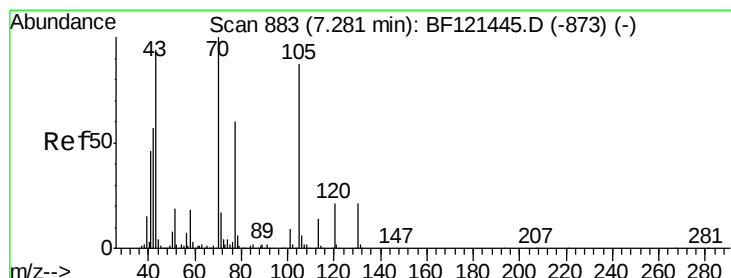
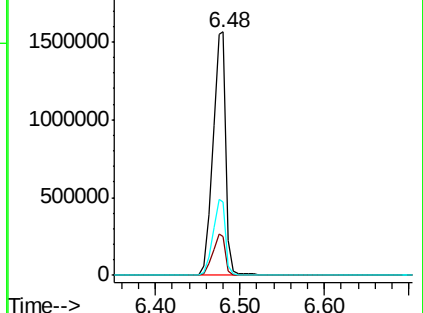
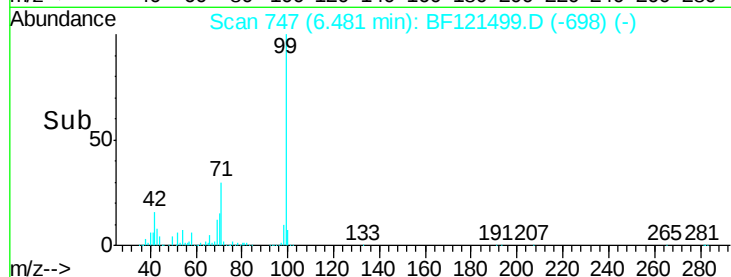
71 30.0 24.6 37.0



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: 11.472 ng

RT: 7.42 min Scan# 906

Delta R.T. 0.14 min

Lab File: BF121499.D

Acq: 1 Sep 2020 16:32

Tgt Ion: 70 Resp: 145190

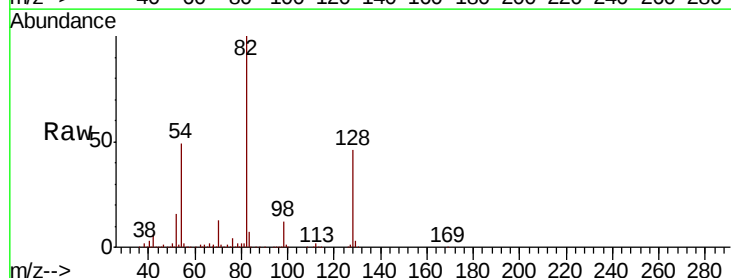
Ion Ratio Lower Upper

70 100

42 46.1 45.8 68.6

101 0.0 7.5 11.3#

130 1.9 16.5 24.7#

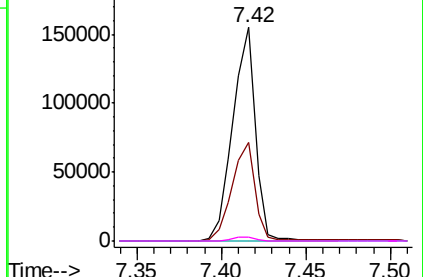
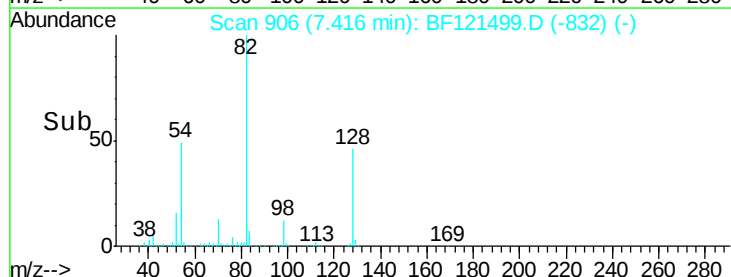


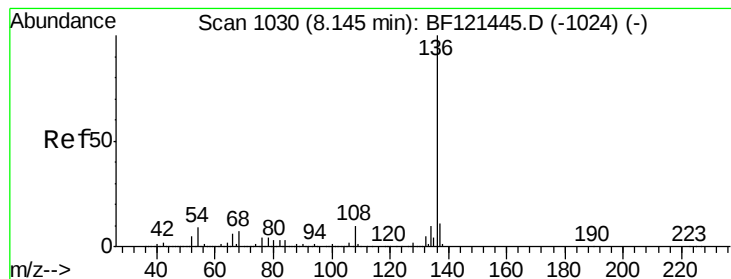
Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 8.14 min Scan# 1029

Delta R.T. -0.01 min

Lab File: BF121499.D

Acq: 1 Sep 2020 16:32

Instrument :

BNA_F

ClientSampleId :

LINDEN-BH-03-A

Tot Ion:136 Resp: 1026094

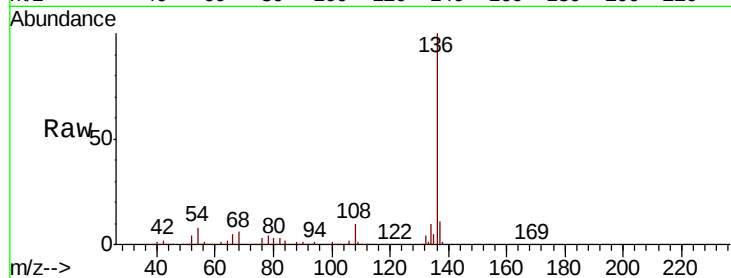
Ion Ratio Lower Upper

136 100

137 11.1 9.1 13.7

54 8.0 7.0 10.4

68 6.4 5.5 8.3

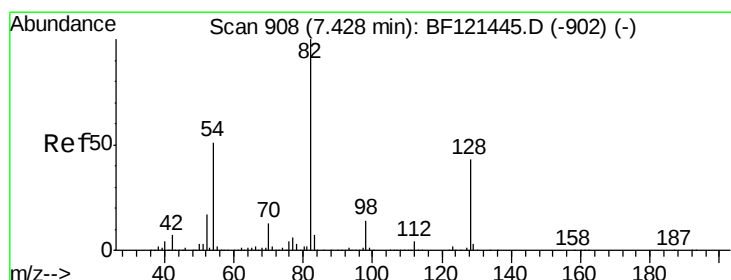
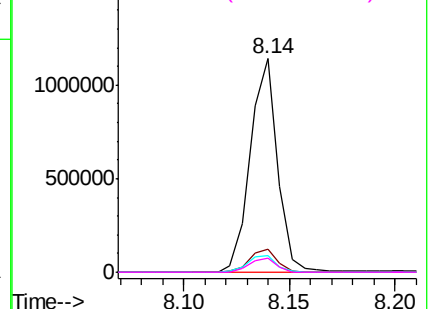
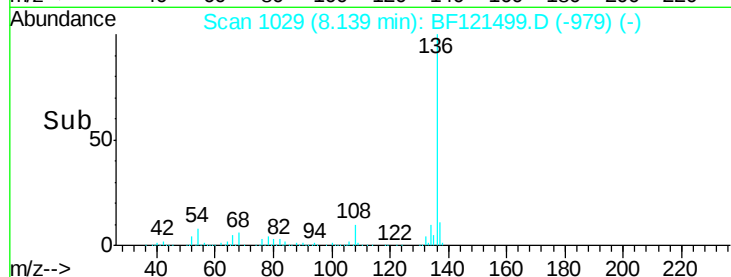


Abundance Ion 136.00 (135.70 to 136.70): E

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: 73.908 ng

RT: 7.42 min Scan# 906

Delta R.T. -0.01 min

Lab File: BF121499.D

Acq: 1 Sep 2020 16:32

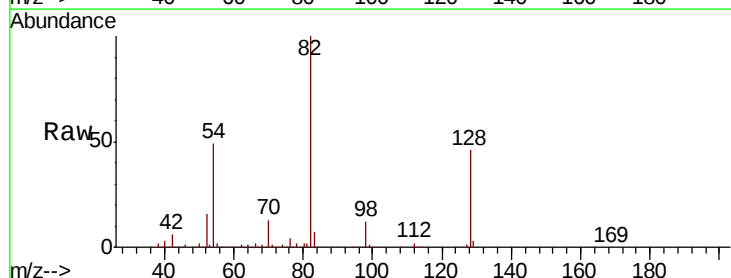
Tgt Ion: 82 Resp: 1109274

Ion Ratio Lower Upper

82 100

128 46.3 34.1 51.1

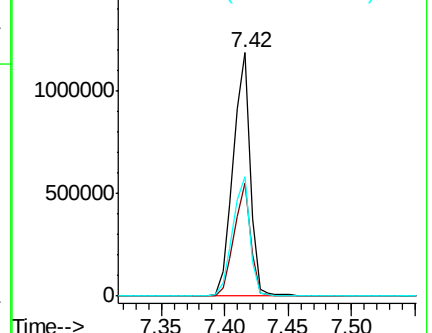
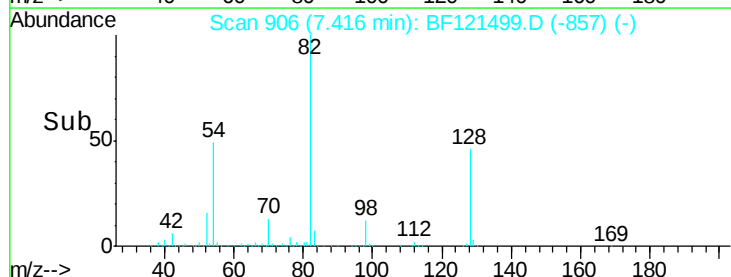
54 49.3 41.0 61.6

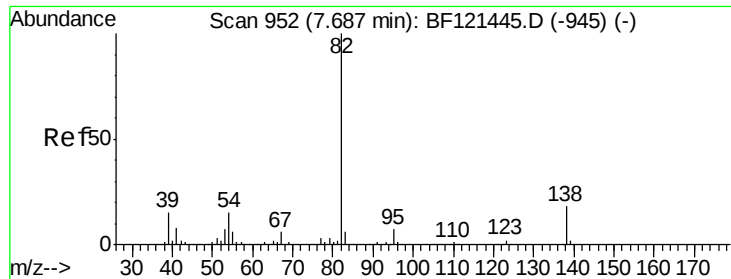


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 32.404 ng

RT: 7.42 min Scan# 906

Delta R.T. -0.27 min

Lab File: BF121499.D

Acq: 1 Sep 2020 16:32

Instrument :

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ClientSampleId :

LINDEN-BH-03-A

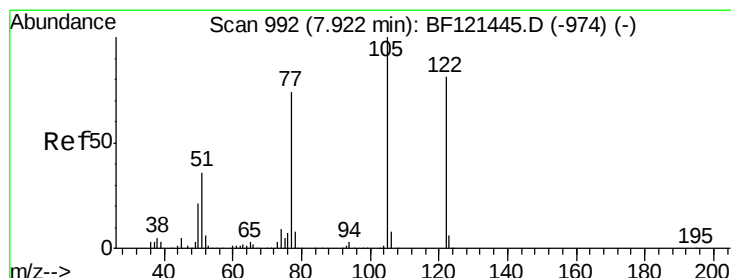
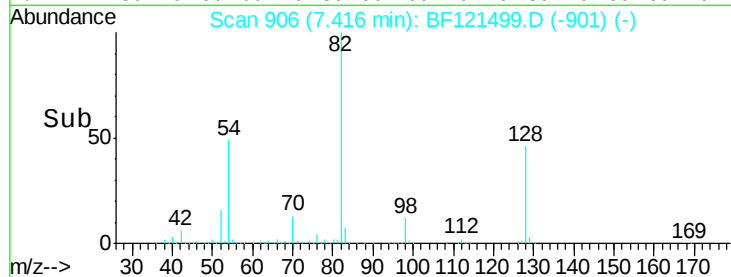
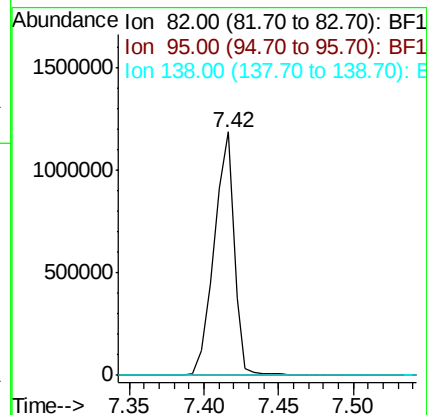
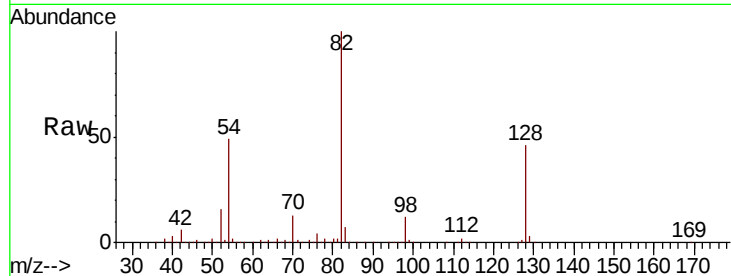
Tot Ion: 82 Resp: 1093896

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

138 0.0 14.8 22.2#



#32

Benzoic acid

Concen: 6.677 ng

RT: 8.14 min Scan# 1029

Delta R.T. 0.22 min

Lab File: BF121499.D

Acq: 1 Sep 2020 16:32

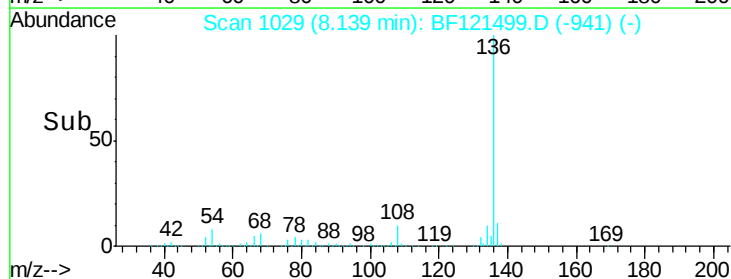
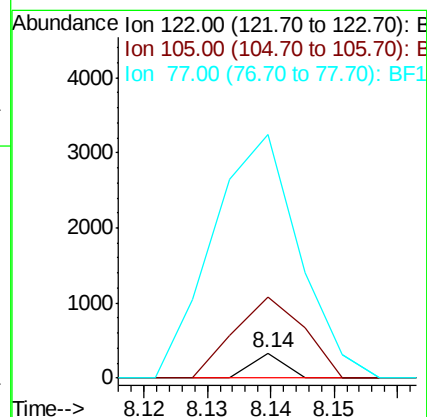
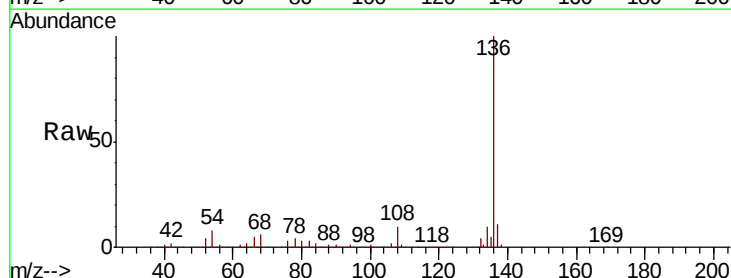
Tgt Ion:122 Resp: 118

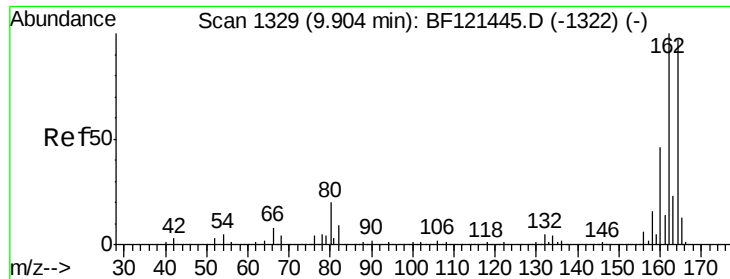
Ion Ratio Lower Upper

122 100

105 323.4 100.8 140.8#

77 973.6 71.5 111.5#

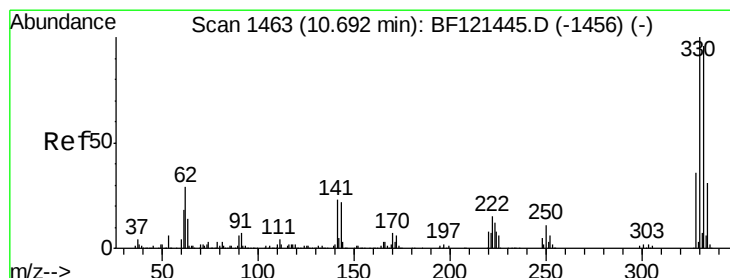
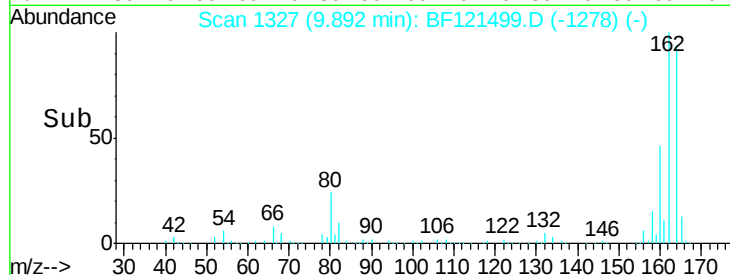
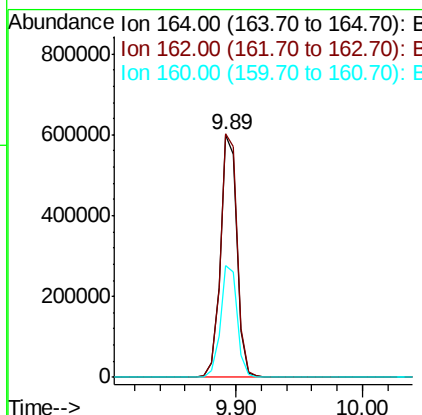
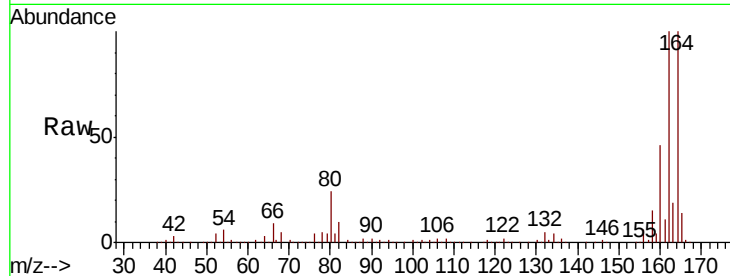




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. -0.01 min
 Lab File: BF121499.D
 Acq: 1 Sep 2020 16:32

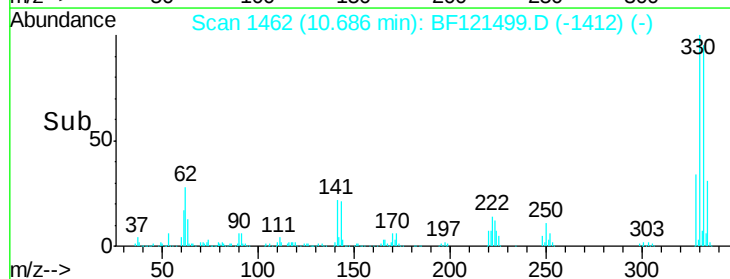
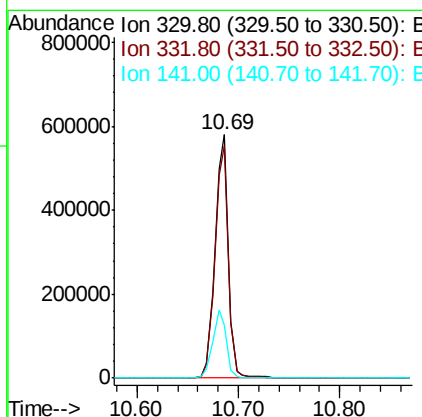
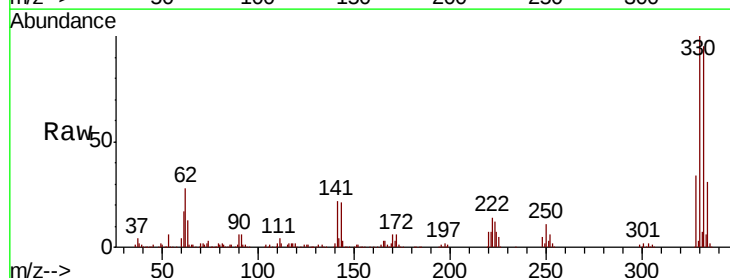
Instrument :
 BNA_F
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 LINDEN-BH-03-A

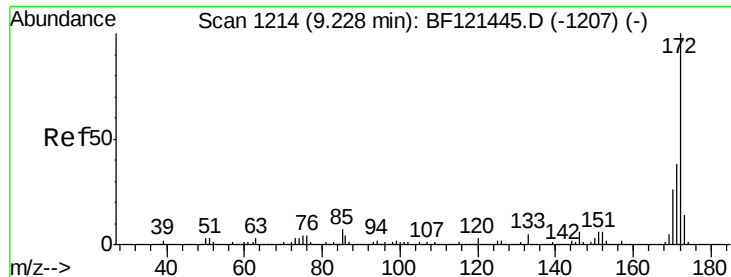
Tot Ion:164 Resp: 548199
 Ion Ratio Lower Upper
 164 100
 162 100.4 82.4 123.6
 160 46.2 37.6 56.4



#42
 2,4,6-Tribromophenol
 Concen: 96.060 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. -0.01 min
 Lab File: BF121499.D
 Acq: 1 Sep 2020 16:32

Tgt Ion:330 Resp: 531895
 Ion Ratio Lower Upper
 330 100
 332 96.2 76.2 114.2
 141 28.6 24.6 36.8



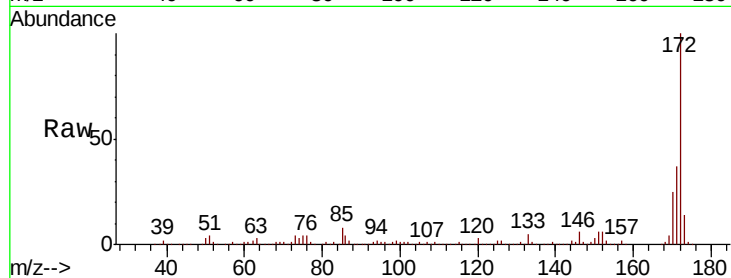


#45
 2-Fluorobiphenyl
 Concen: 61.850 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.01 min
 Lab File: BF121499.D
 Acq: 1 Sep 2020 16:32

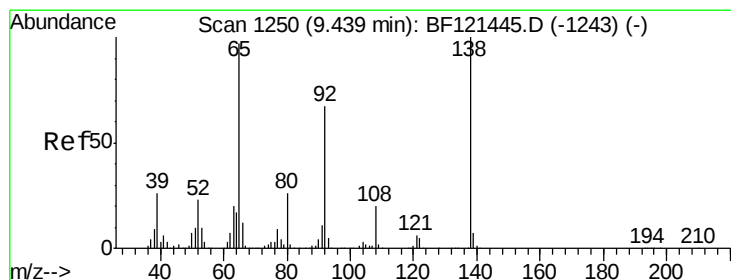
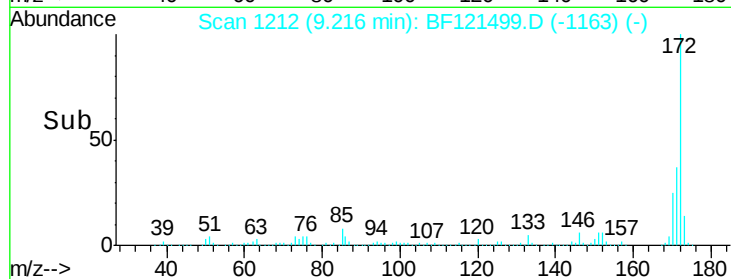
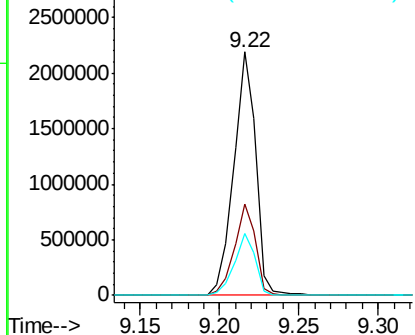
Instrument :
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 LINDEN-BH-03-A

Tot Ion:172 Resp: 2101370

Ion	Ratio	Lower	Upper
172	100		
171	37.3	30.6	45.8
170	25.4	20.6	31.0



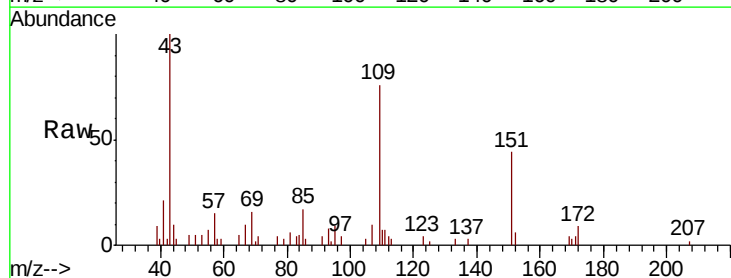
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



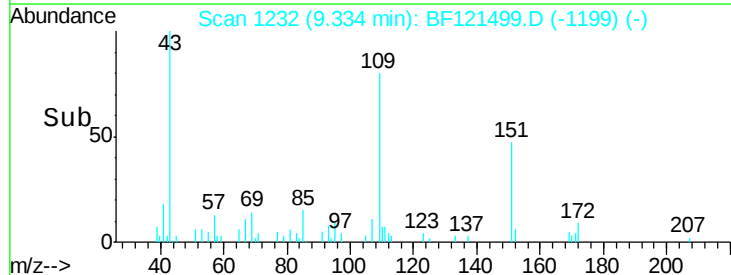
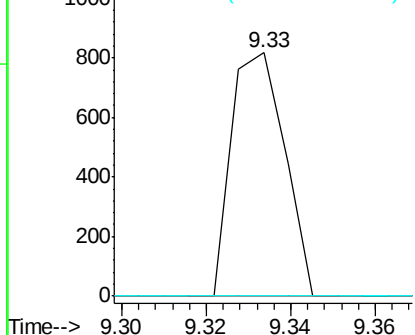
#48
 2-Nitroaniline
 Concen: 6.712 ng
 RT: 9.33 min Scan# 1232
 Delta R.T. -0.11 min
 Lab File: BF121499.D
 Acq: 1 Sep 2020 16:32

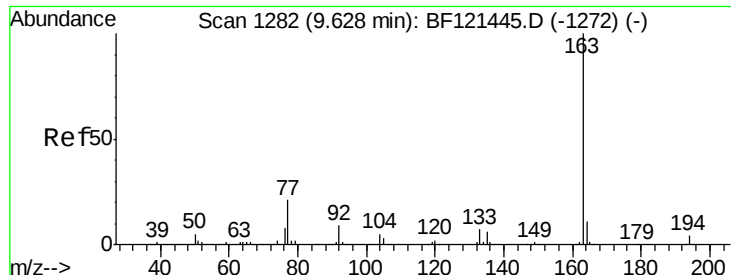
Tgt Ion: 65 Resp: 714

Ion	Ratio	Lower	Upper
65	100		
92	0.0	55.6	83.4#
138	0.0	82.9	124.3#



Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E

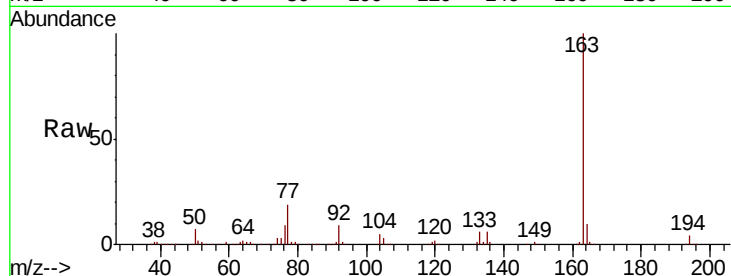




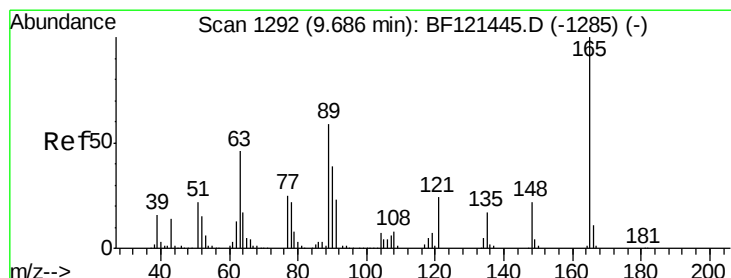
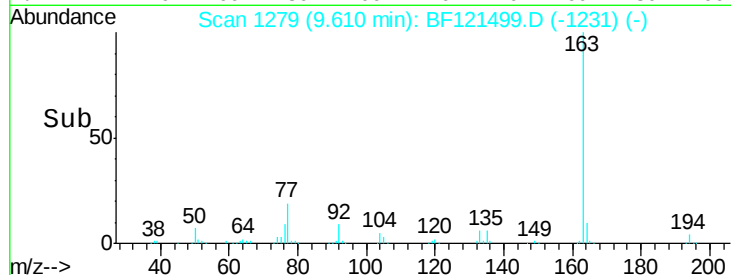
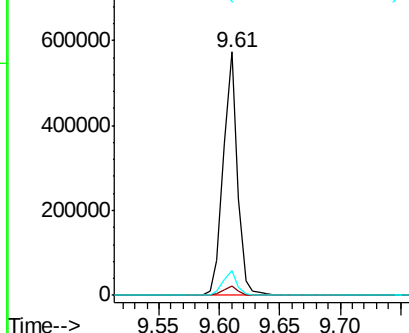
#50
Dimethylphthalate
Concen: 12.324 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.02 min
Lab File: BF121499.D
Acq: 1 Sep 2020 16:32

Instrument :
BNA_F
ClientSampleId :
LINDEN-BH-03-A

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.3	4.9
164	10.3	8.6	12.8

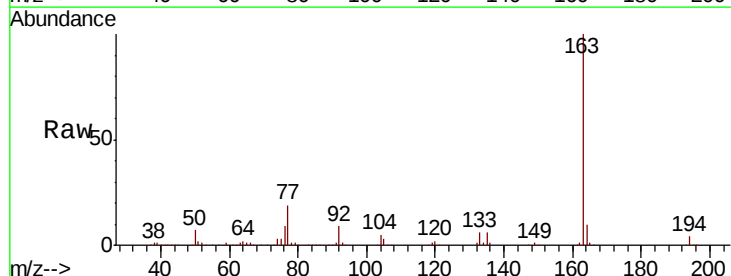


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

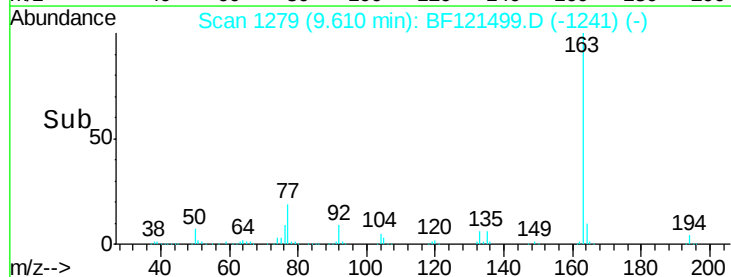
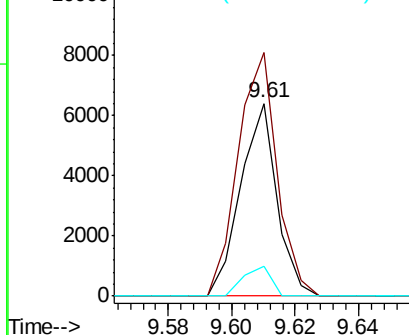


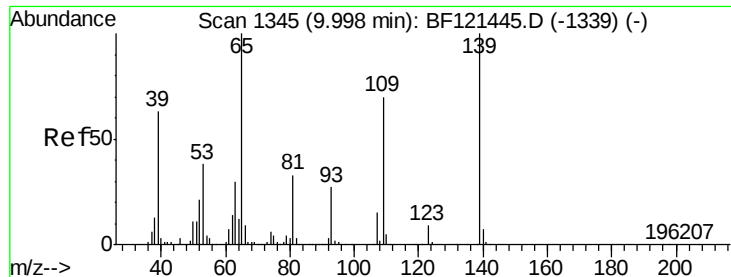
#51
2,6-Dinitrotoluene
Concen: 7.041 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.08 min
Lab File: BF121499.D
Acq: 1 Sep 2020 16:32

Tgt Ion	Ratio	Lower	Upper
165	100		
63	126.3	43.6	65.4#
89	15.7	47.4	71.2#



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

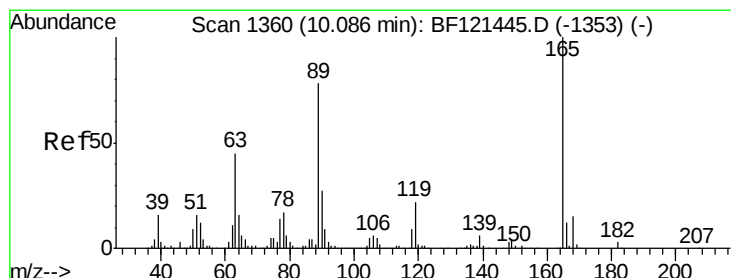
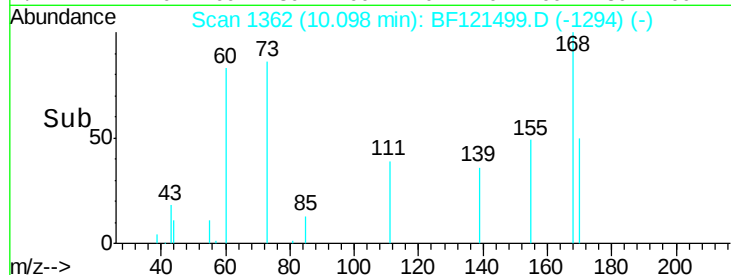
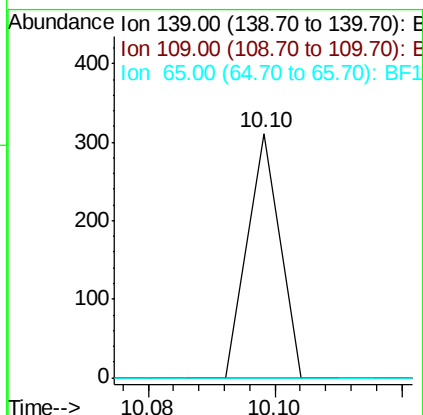
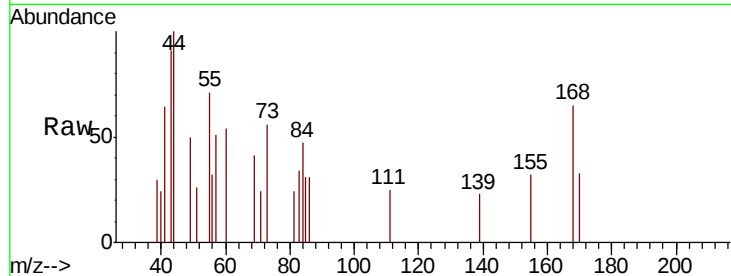




#56
4-Nitrophenol
Concen: 7.870 ng
RT: 10.10 min Scan# 1362
Delta R.T. 0.10 min
Lab File: BF121499.D
Acq: 1 Sep 2020 16:32

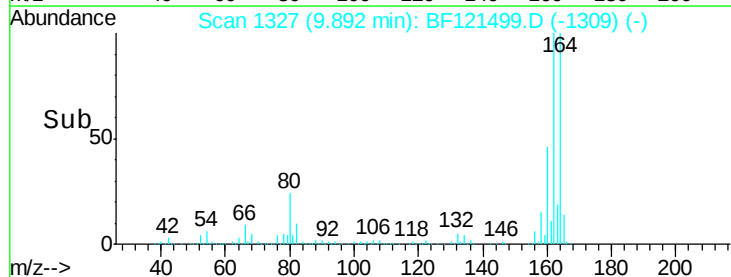
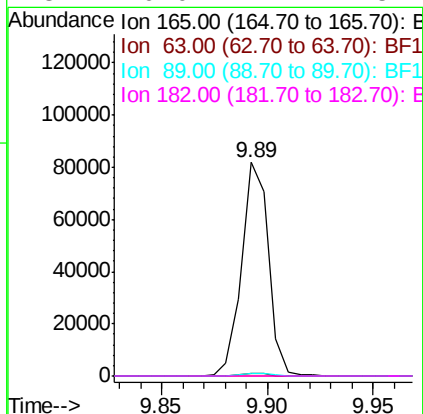
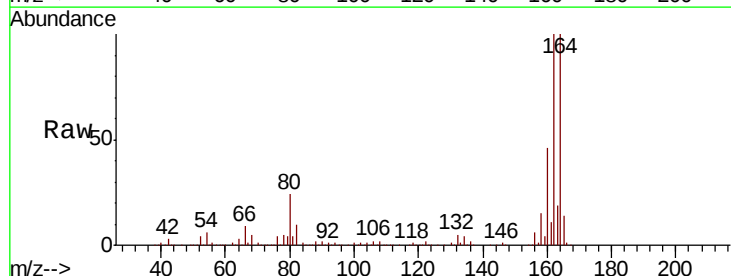
Instrument :
BNA_F
ClientSampleId :
LINDEN-BH-03-A

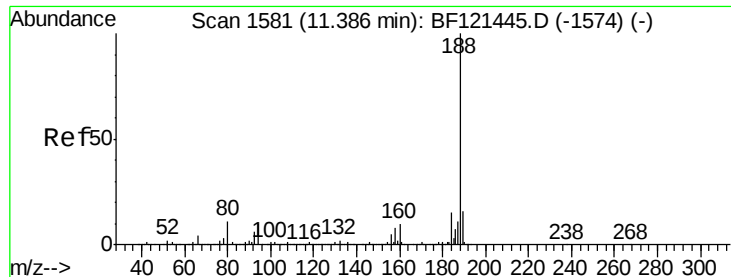
Tot Ion:139 Resp: 110
Ion Ratio Lower Upper
139 100
109 0.0 50.5 90.5#
65 0.0 80.2 120.2#



#57
2,4-Dinitrotoluene
Concen: 14.320 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.19 min
Lab File: BF121499.D
Acq: 1 Sep 2020 16:32

Tgt Ion:165 Resp: 72138
Ion Ratio Lower Upper
165 100
63 1.0 36.0 54.0#
89 1.3 62.6 93.8#
182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.38 min Scan# 1580

Delta R.T. -0.01 min

Lab File: BF121499.D

Acq: 1 Sep 2020 16:32

Instrument :

BNA_F

ClientSampleId :

LINDEN-BH-03-A

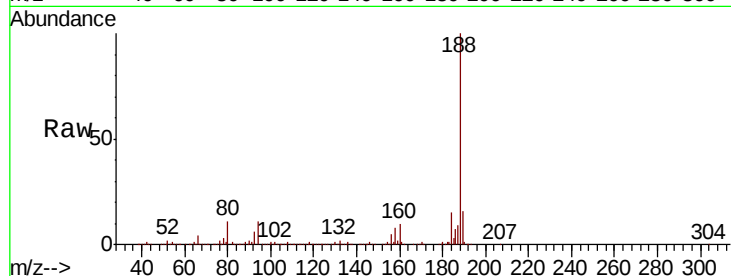
Tot Ion:188 Resp: 1023514

Ion Ratio Lower Upper

188 100

94 11.1 8.3 12.5

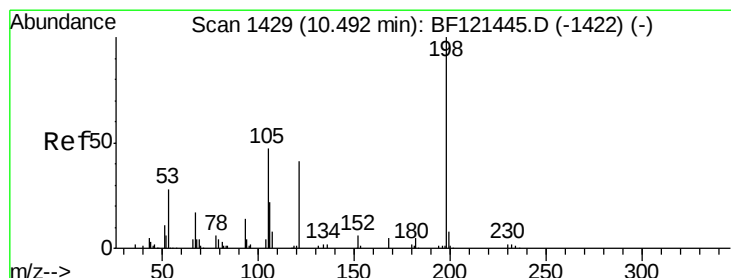
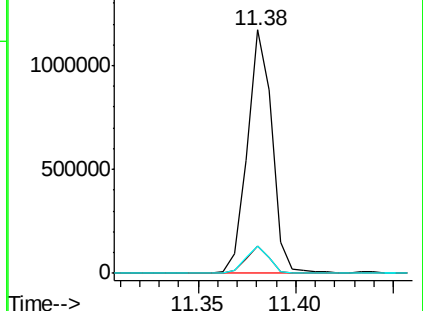
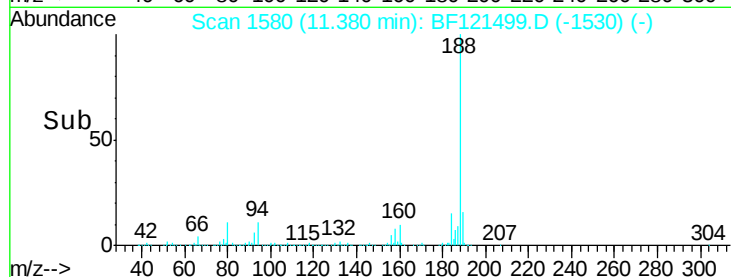
80 11.5 8.6 13.0



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: 5.958 ng

RT: 10.68 min Scan# 1461

Delta R.T. 0.19 min

Lab File: BF121499.D

Acq: 1 Sep 2020 16:32

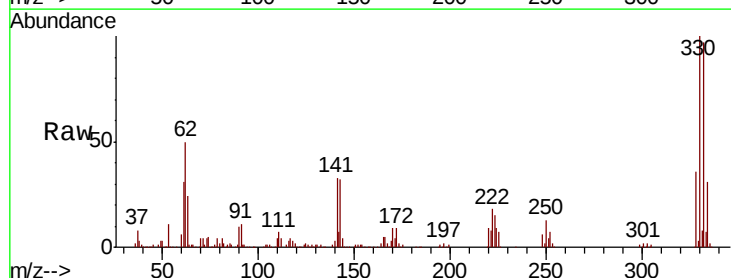
Tgt Ion:198 Resp: 964

Ion Ratio Lower Upper

198 100

51 193.8 29.0 69.0#

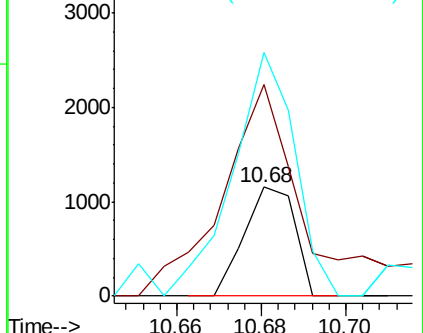
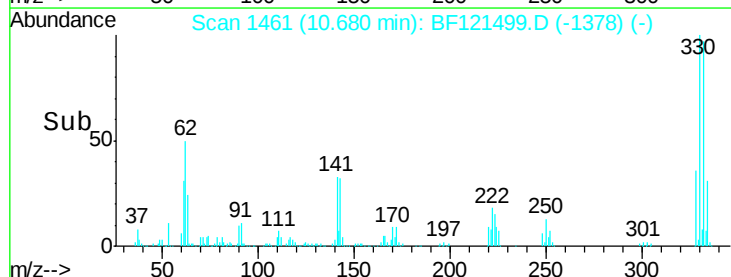
105 223.3 29.1 69.1#

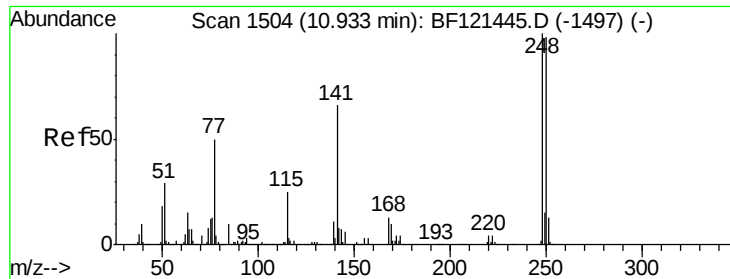


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

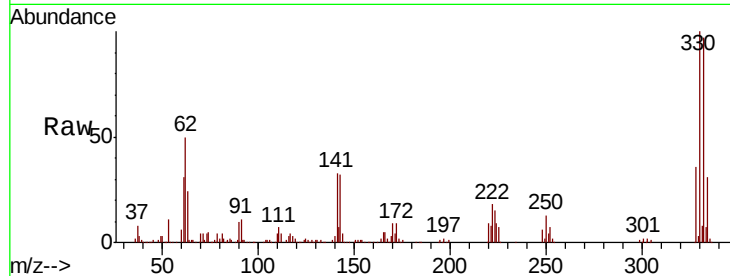




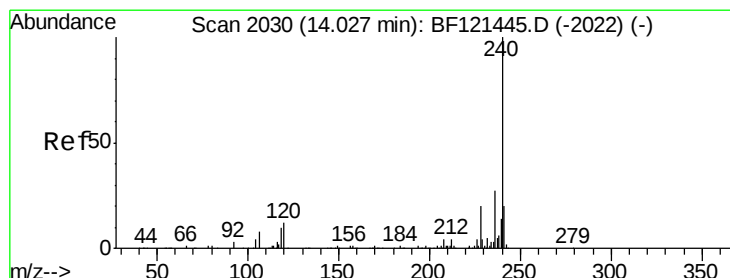
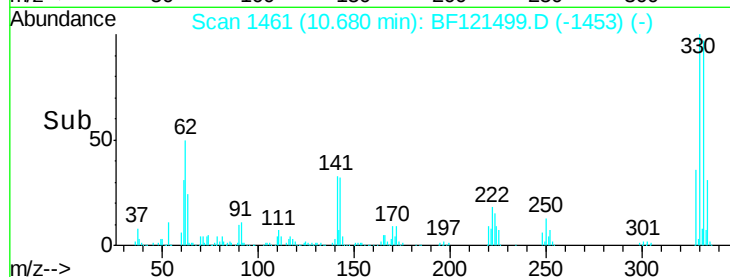
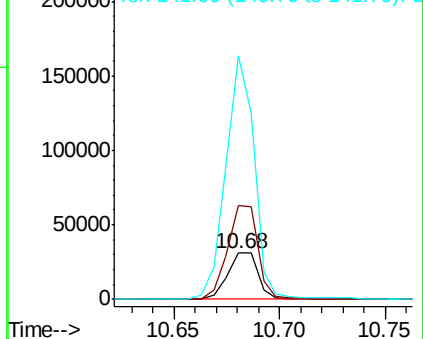
#67
4-Bromophenyl-phenylether
Concen: 2.736 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.25 min
Lab File: BF121499.D
Acq: 1 Sep 2020 16:32

Instrument :
BNA_F
ClientSampleId :
LINDEN-BH-03-A

Tot Ion:248 Resp: 30802
Ion Ratio Lower Upper
248 100
250 203.1 78.7 118.1#
141 529.0 52.6 78.8#

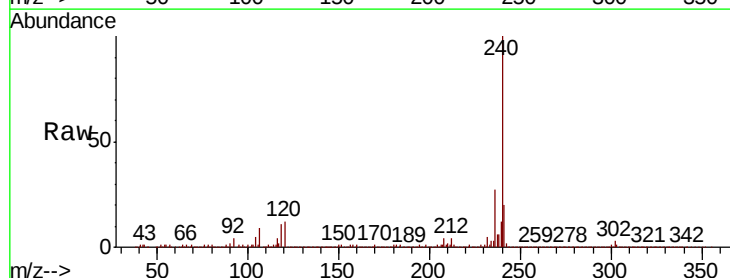


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

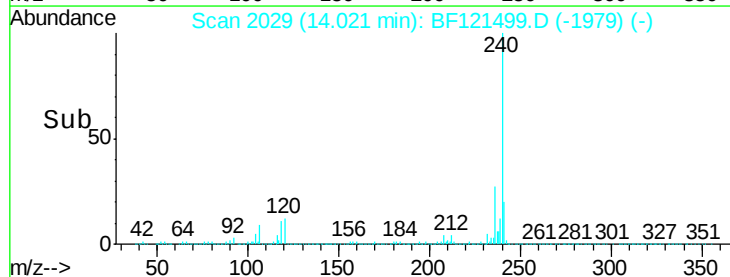
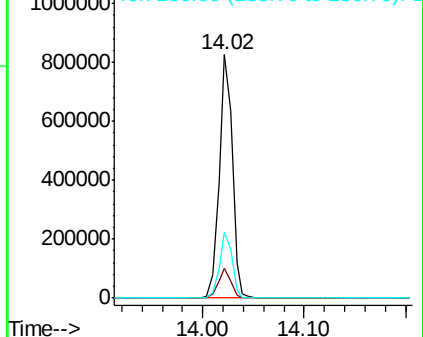


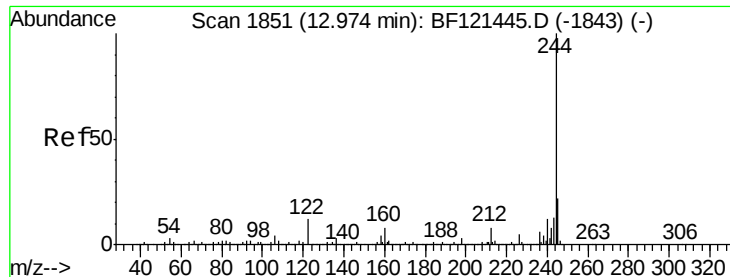
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF121499.D
Acq: 1 Sep 2020 16:32

Tgt Ion:240 Resp: 737415
Ion Ratio Lower Upper
240 100
120 12.4 9.5 14.3
236 26.8 21.8 32.6



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: 59.338 ng

RT: 12.97 min Scan# 1851

Delta R.T. 0.00 min

Lab File: BF121499.D

Acq: 1 Sep 2020 16:32

Instrument :

BNA_F

ClientSampleId :

LINDEN-BH-03-A

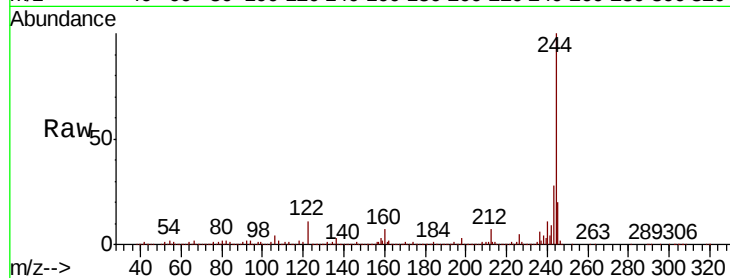
Tot Ion:244 Resp: 2078738

Ion Ratio Lower Upper

244 100

212 7.4 6.3 9.5

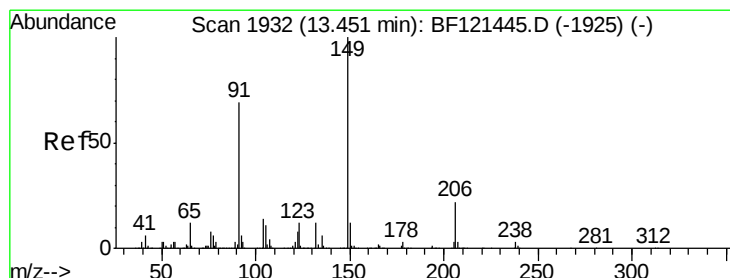
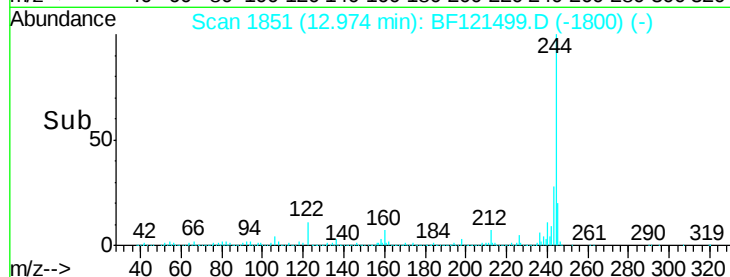
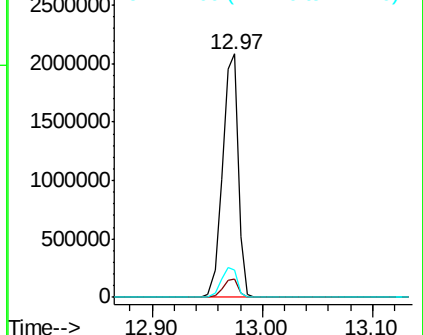
122 11.2 9.5 14.3



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



#80

Butylbenzylphthalate

Concen: 2.167 ng

RT: 13.46 min Scan# 1934

Delta R.T. 0.01 min

Lab File: BF121499.D

Acq: 1 Sep 2020 16:32

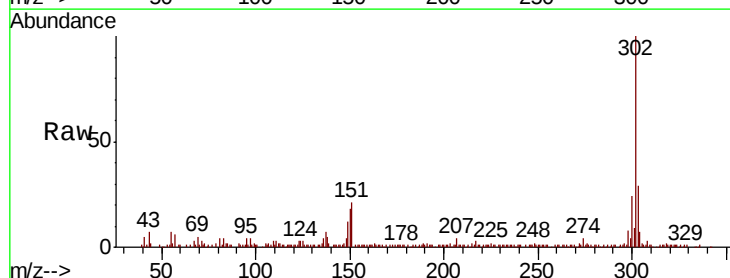
Tgt Ion:149 Resp: 43962

Ion Ratio Lower Upper

149 100

91 16.1 55.0 82.4#

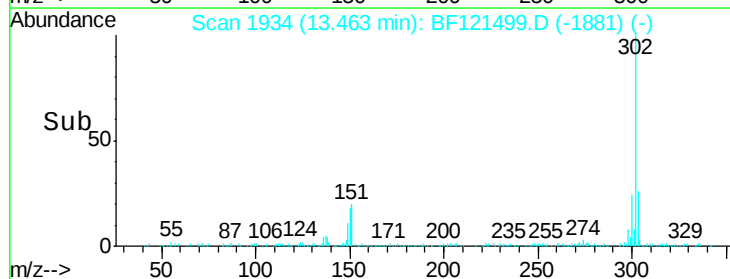
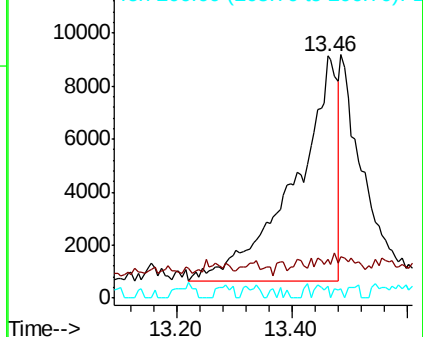
206 4.9 17.8 26.6#

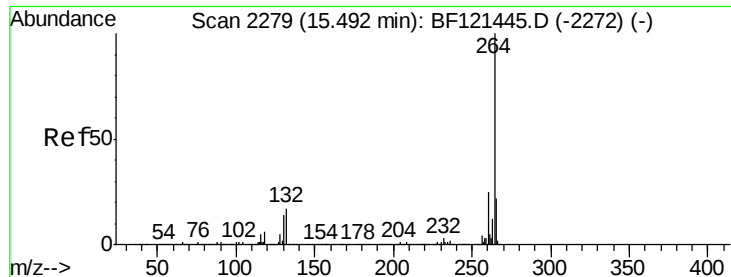


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2280
Delta R.T. 0.01 min
Lab File: BF121499.D
Acq: 1 Sep 2020 16:32

Instrument :
BNA_F
ClientSampleId :
LINDEN-BH-03-A

Tot Ion	Ion	Ratio	Lower	Upper
264	100			
260	24.4	19.6	29.4	
265	21.6	17.8	26.6	

