

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP081720\
 Data File : BP002996.D
 Acq On : 17 Aug 2020 11:23
 Operator : CG/JU
 Sample : PB131001BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB131001BL

Quant Time: Aug 17 14:15:24 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP073020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 17 14:07:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	273021	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	1206488	20.00	ng	0.00
39) Acenaphthene-d10	14.33	164	639421	20.00	ng	0.00
64) Phenanthrene-d10	17.07	188	1398136	20.00	ng	0.00
76) Chrysene-d12	21.17	240	1505099	20.00	ng	0.00
86) Perylene-d12	23.42	264	1630987	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.29	112	2060194	115.49	ng	0.00
7) Phenol-d6	6.86	99	2148466	86.75	ng	0.00
23) Nitrobenzene-d5	8.83	82	1248352	56.04	ng	0.00
42) 2,4,6-Tribromophenol	15.82	330	893124	112.38	ng	0.00
45) 2-Fluorobiphenyl	12.95	172	3444377	73.60	ng	0.00
79) Terphenyl-d14	19.66	244	4954113	65.90	ng	0.00

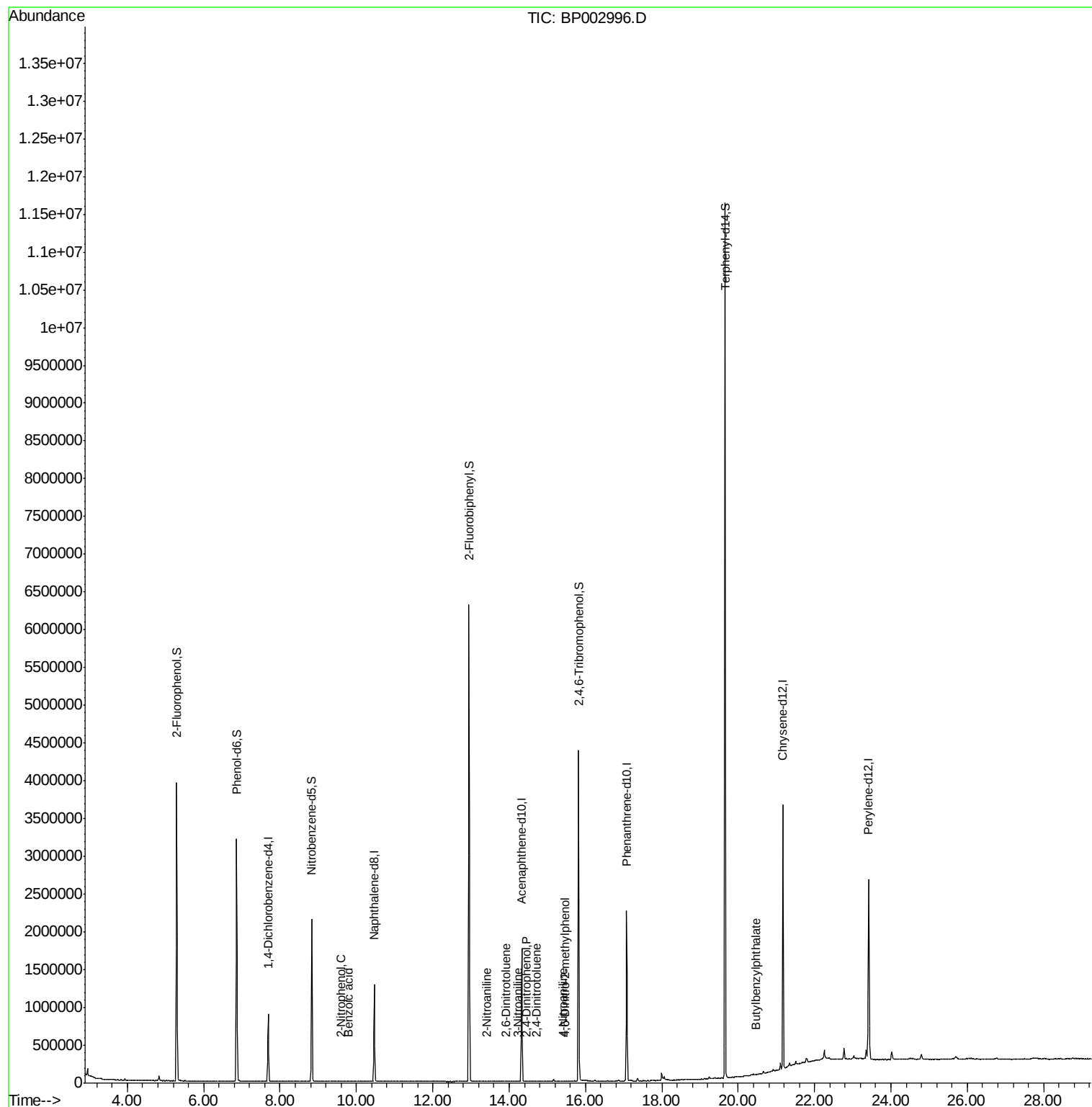
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
26) 2-Nitrophenol	9.58	139	38	4.524	ng	# 1
32) Benzoic acid	9.79	122	143	7.697	ng	# 48
48) 2-Nitroaniline	13.41	65	247	3.994	ng	# 3
51) 2,6-Dinitrotoluene	13.92	165	94	2.907	ng	# 1
53) 3-Nitroaniline	14.24	138	69	3.279	ng	# 11
54) 2,4-Dinitrophenol	14.44	184	16	8.060	ng	# 1
57) 2,4-Dinitrotoluene	14.70	165	157	3.816	ng	# 78
62) 4-Nitroaniline	15.42	138	138	2.427	ng	# 72
65) 4,6-Dinitro-2-methylphenol	15.46	198	44	6.905	ng	# 1
80) Butylbenzylphthalate	20.46	149	229	3.063	ng	98

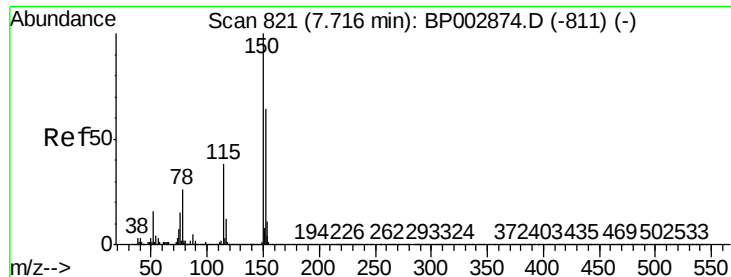
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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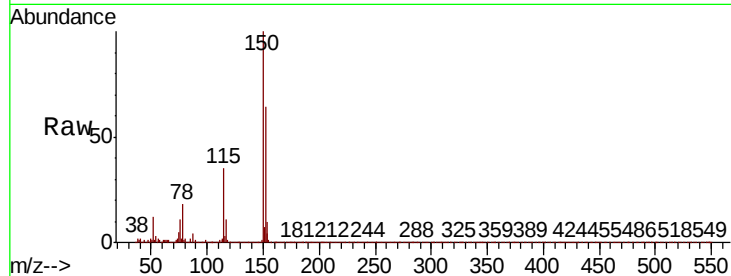


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.69 min Scan# 816
Delta R.T. 0.00 min
Lab File: BP002996.D
Acq: 17 Aug 2020 11:23

Instrument :
BNA_P
ClientSampleId :
PB131001BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.4	126.1	189.1
115	54.8	43.4	65.2

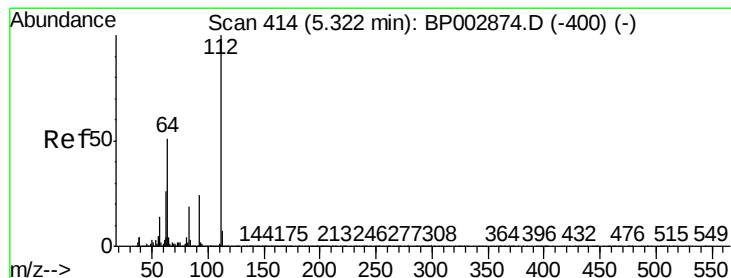
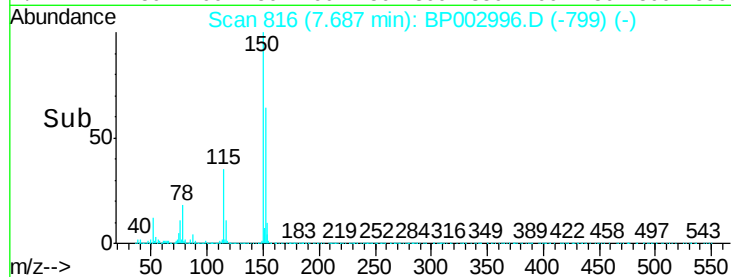
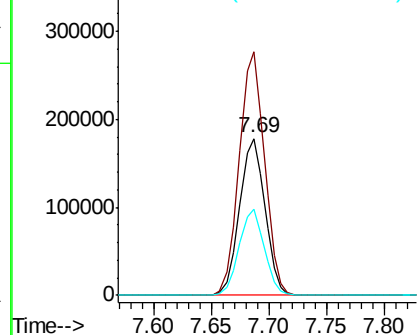


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

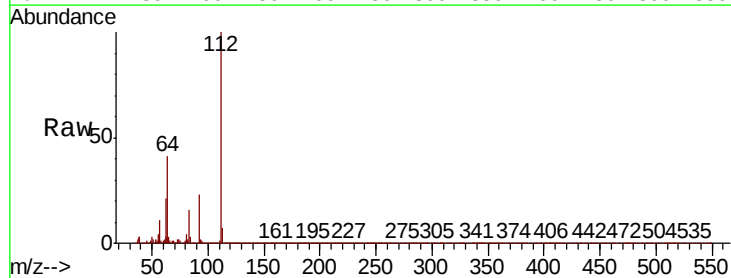
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 115.490 ng
RT: 5.29 min Scan# 409
Delta R.T. 0.00 min
Lab File: BP002996.D
Acq: 17 Aug 2020 11:23

Tgt Ion	Ratio	Lower	Upper
112	100		
64	40.8	33.4	50.2
63	20.6	17.4	26.0

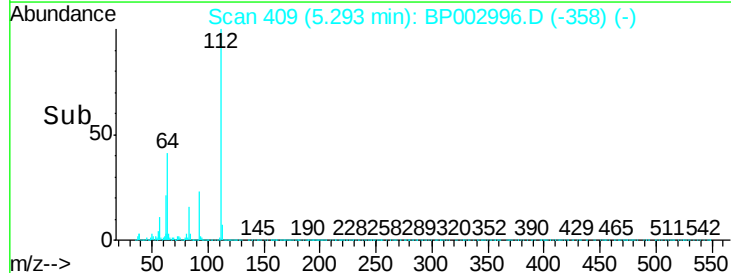
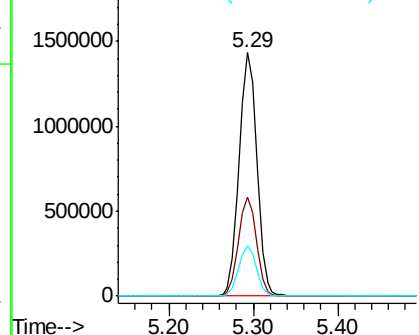


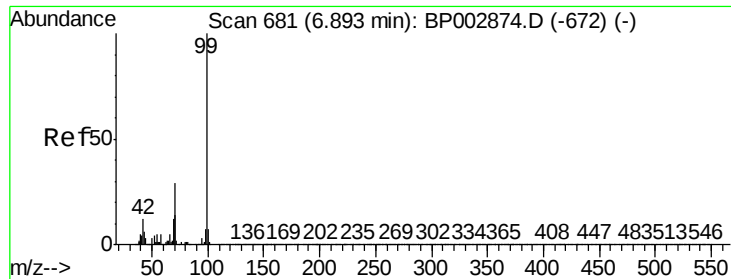
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0





#7

Phenol-d6

Concen: 86.748 ng

RT: 6.86 min Scan# 676

Delta R.T. -0.01 min

Lab File: BP002996.D

Acq: 17 Aug 2020 11:23

Instrument :

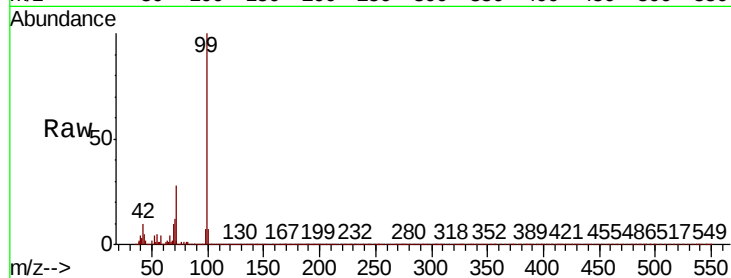
BNA_P

ClientSampleId :

PB131001BL

Tot Ion: 99 Resp: 2148466

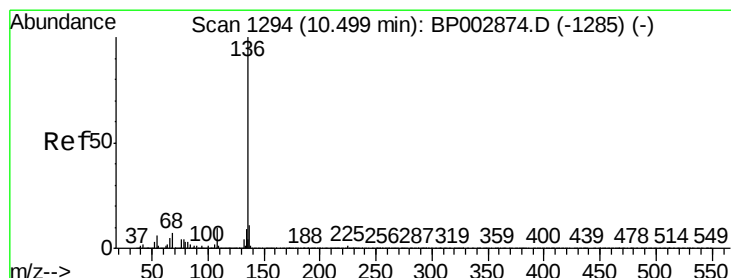
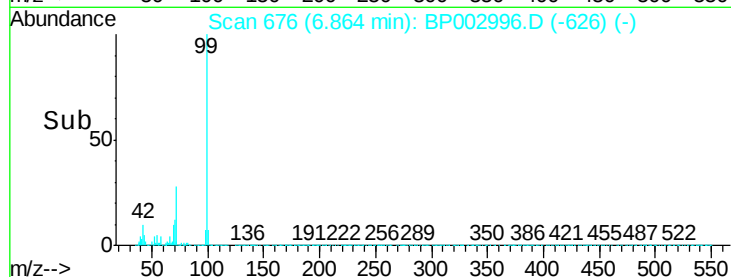
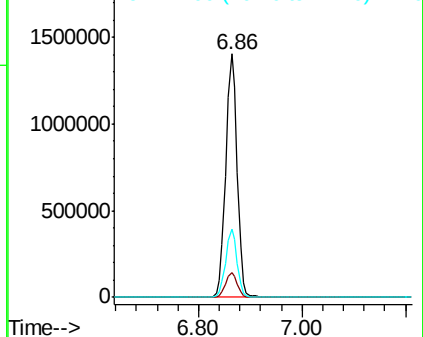
Ion	Ratio	Lower	Upper
99	100		
42	10.3	8.0	12.0
71	27.9	21.3	31.9



Abundance Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.46 min Scan# 1288

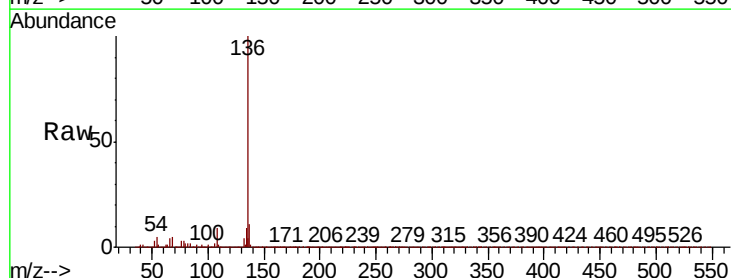
Delta R.T. -0.01 min

Lab File: BP002996.D

Acq: 17 Aug 2020 11:23

Tgt Ion: 136 Resp: 1206488

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	4.9	3.8	5.8
68	4.9	3.8	5.8

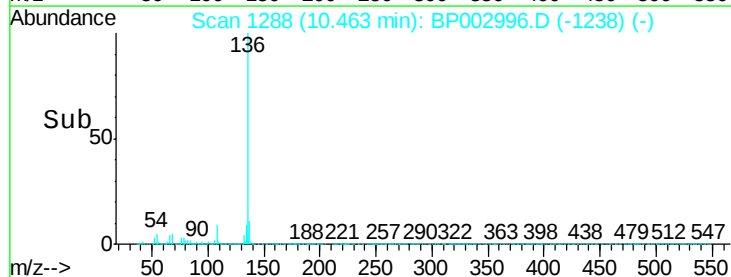
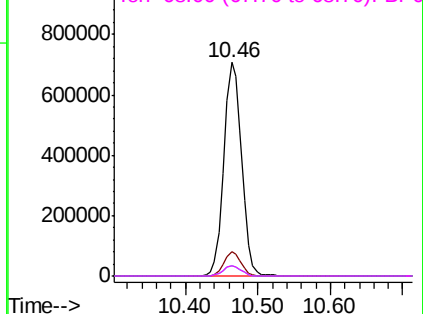


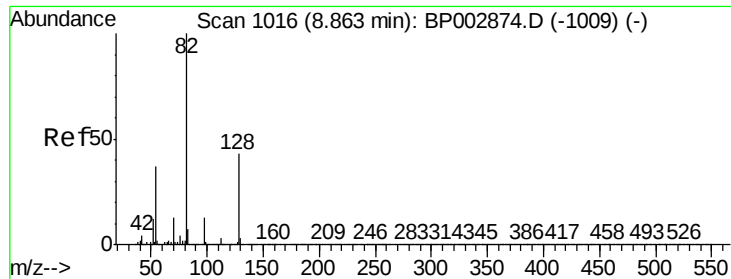
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BP0

Ion 68.00 (67.70 to 68.70): BP0

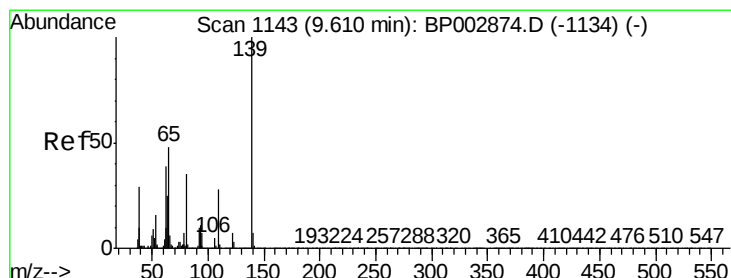
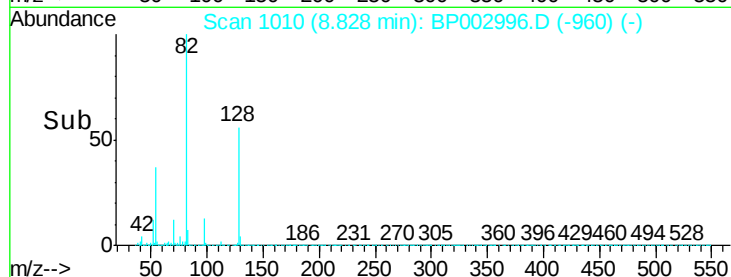
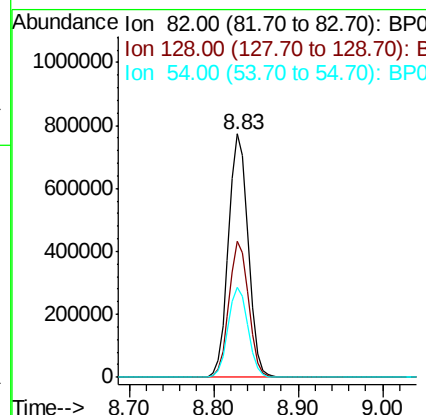
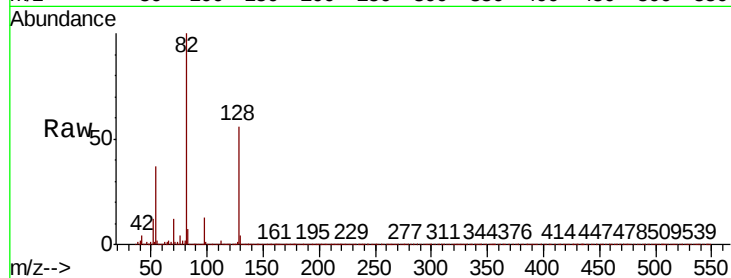




#23
 Nitrobenzene-d5
 Concen: 56.042 ng
 RT: 8.83 min Scan# 1010
 Delta R.T. -0.01 min
 Lab File: BP002996.D
 Acq: 17 Aug 2020 11:23

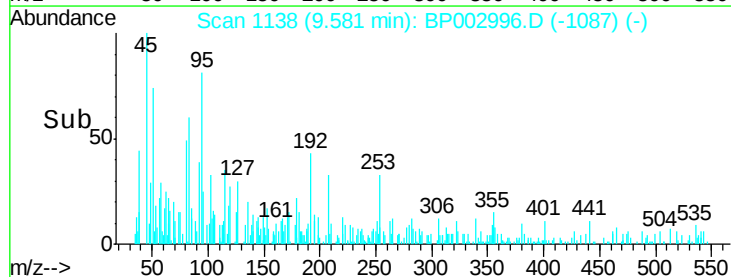
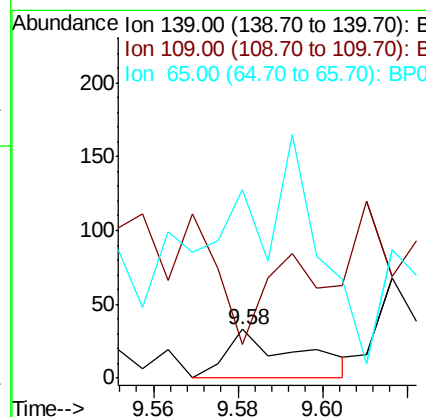
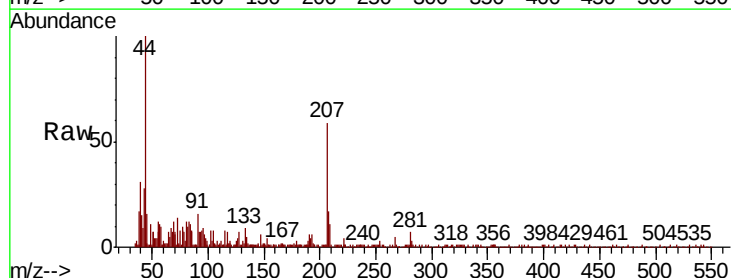
Instrument :
 BNA_P
 ClientSampleId :
 PB131001BL

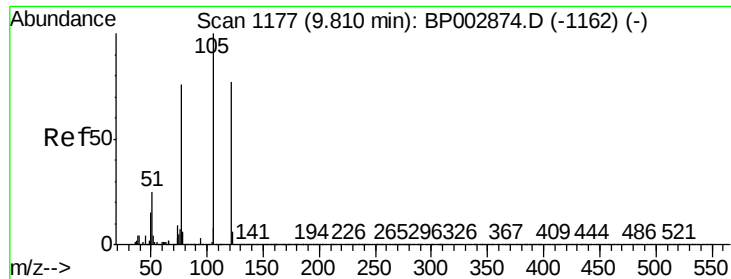
Tot Ion: 82 Resp: 1248352
 Ion Ratio Lower Upper
 82 100
 128 55.7 45.1 67.7
 54 36.9 28.8 43.2



#26
 2-Nitrophenol
 Concen: 4.524 ng
 RT: 9.58 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: BP002996.D
 Acq: 17 Aug 2020 11:23

Tgt Ion: 139 Resp: 38
 Ion Ratio Lower Upper
 139 100
 109 69.7 21.0 31.6#
 65 387.9 27.2 40.8#





#32

Benzoic acid

Concen: 7.697 ng

RT: 9.79 min Scan# 1174

Delta R.T. -0.02 min

Lab File: BP002996.D

Acq: 17 Aug 2020 11:23

Instrument :

BNA_P

ClientSampleId :

PB131001BL

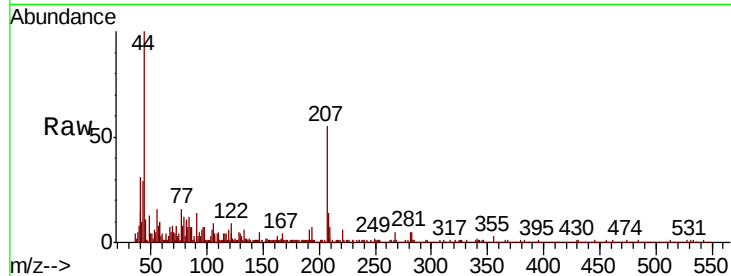
Tot Ion:122 Resp: 143

Ion Ratio Lower Upper

122 100

105 97.5 96.2 136.2

77 166.5 55.6 95.6#

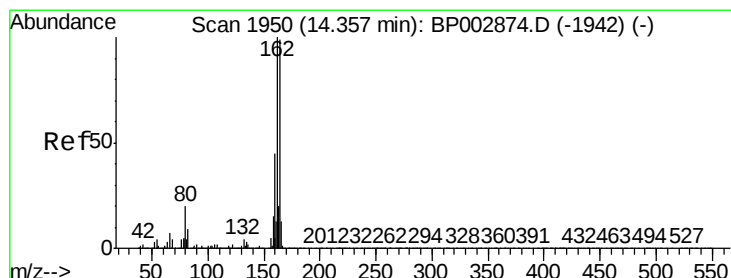
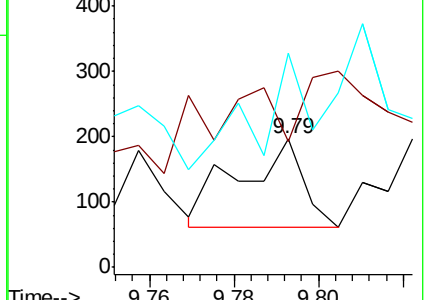
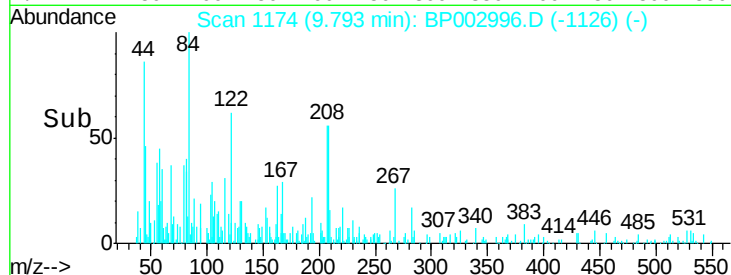


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BP

Time-->



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.33 min Scan# 1945

Delta R.T. 0.00 min

Lab File: BP002996.D

Acq: 17 Aug 2020 11:23

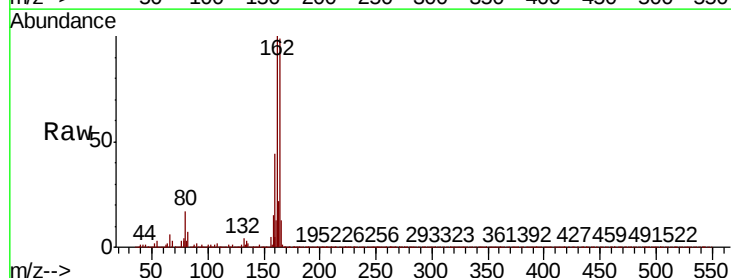
Tgt Ion:164 Resp: 639421

Ion Ratio Lower Upper

164 100

162 101.5 81.4 122.0

160 44.8 35.5 53.3

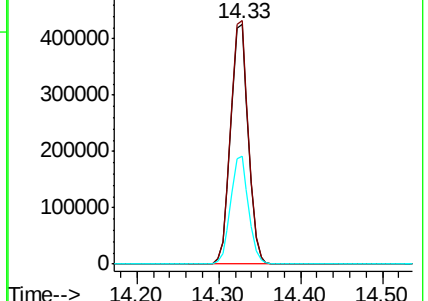
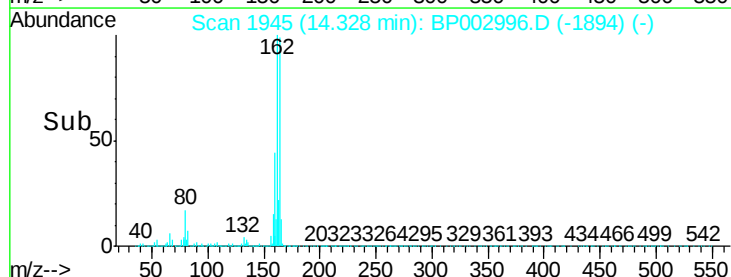


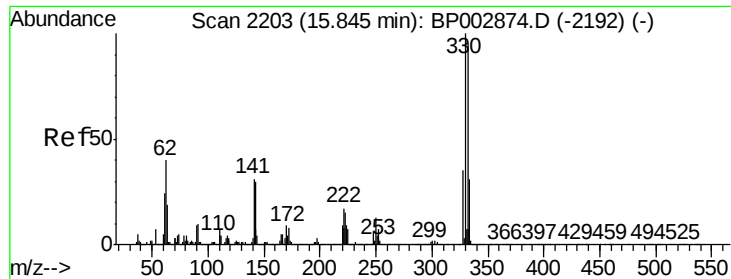
Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

Time-->

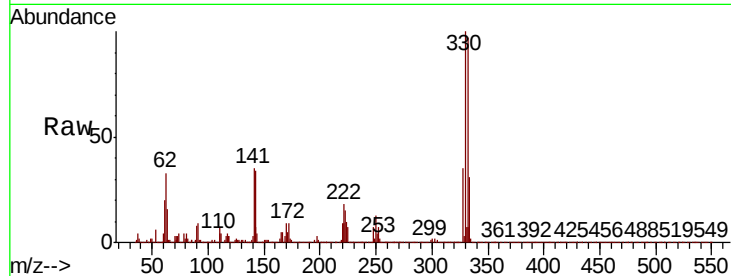




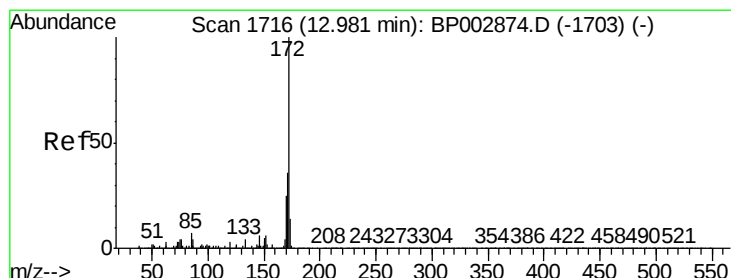
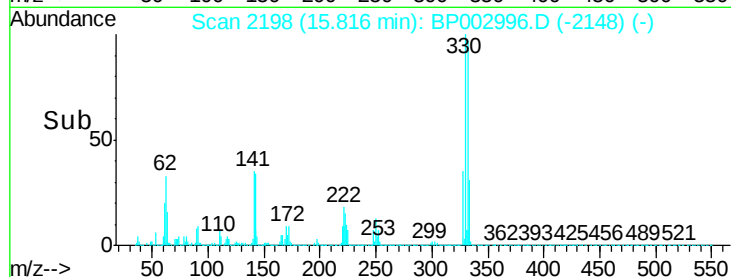
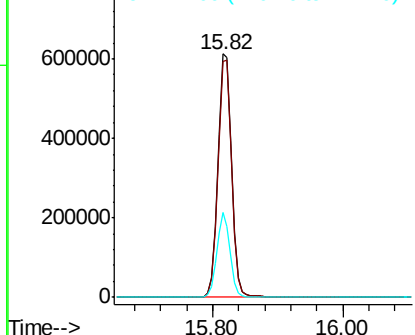
#42
2,4,6-Tribromophenol
Concen: 112.381 ng
RT: 15.82 min Scan# 2198
Delta R.T. -0.01 min
Lab File: BP002996.D
Acq: 17 Aug 2020 11:23

Instrument :
BNA_P
ClientSampleId :
PB131001BL

Tot Ion:330 Resp: 893124
Ion Ratio Lower Upper
330 100
332 96.8 77.0 115.6
141 33.2 26.7 40.1

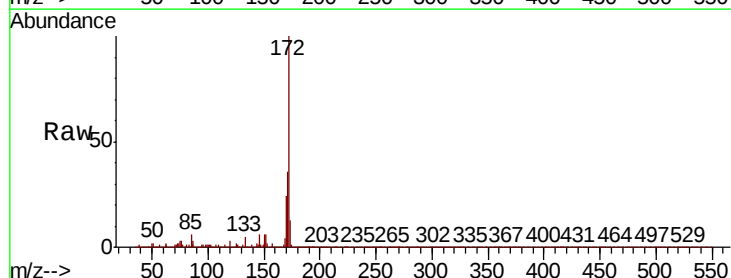


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

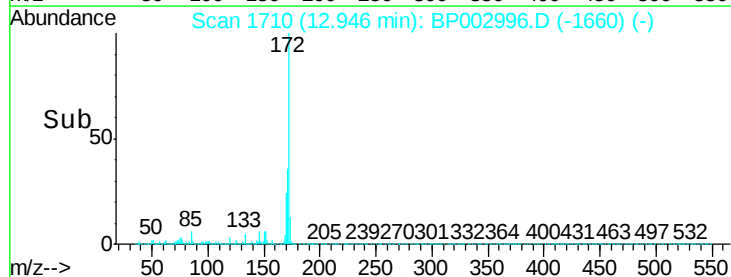
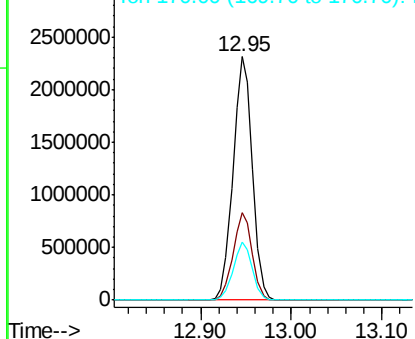


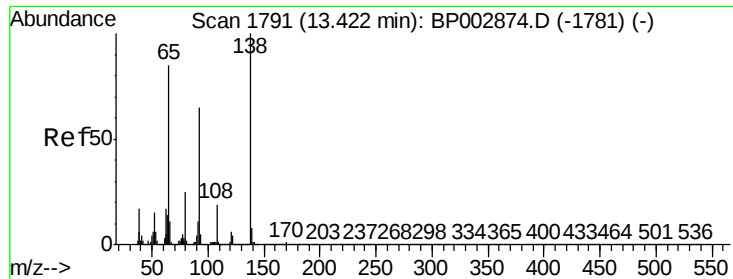
#45
2-Fluorobiphenyl
Concen: 73.599 ng
RT: 12.95 min Scan# 1710
Delta R.T. -0.01 min
Lab File: BP002996.D
Acq: 17 Aug 2020 11:23

Tgt Ion:172 Resp: 3444377
Ion Ratio Lower Upper
172 100
171 35.7 29.0 43.4
170 23.7 19.1 28.7



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: 3.994 ng

RT: 13.41 min Scan# 1789

Delta R.T. 0.02 min

Lab File: BP002996.D

Acq: 17 Aug 2020 11:23

Instrument :

BNA_P

ClientSampleId :

PB131001BL

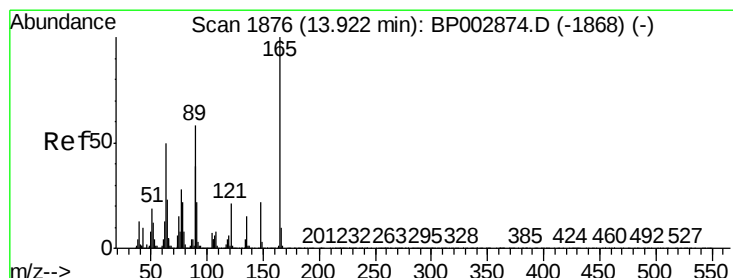
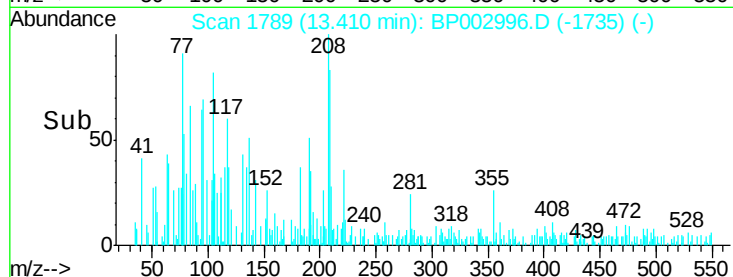
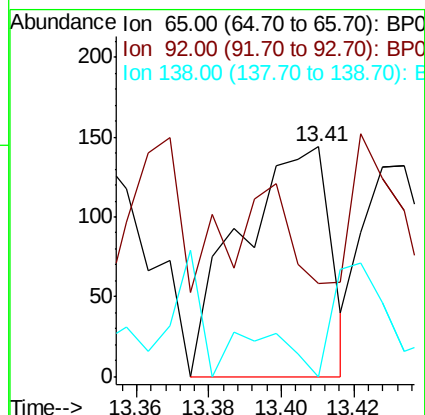
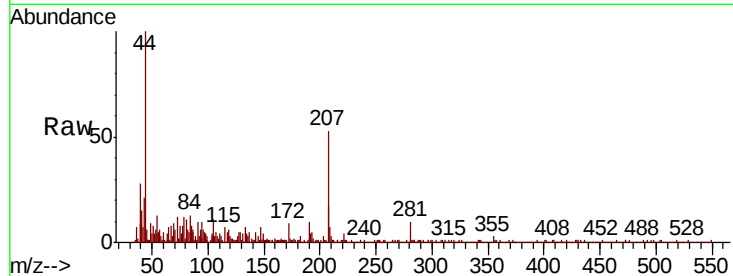
Tot Ion: 65 Resp: 247

Ion Ratio Lower Upper

65 100

92 40.3 70.1 105.1#

138 0.0 129.7 194.5#



#51

2,6-Dinitrotoluene

Concen: 2.907 ng

RT: 13.92 min Scan# 1876

Delta R.T. 0.02 min

Lab File: BP002996.D

Acq: 17 Aug 2020 11:23

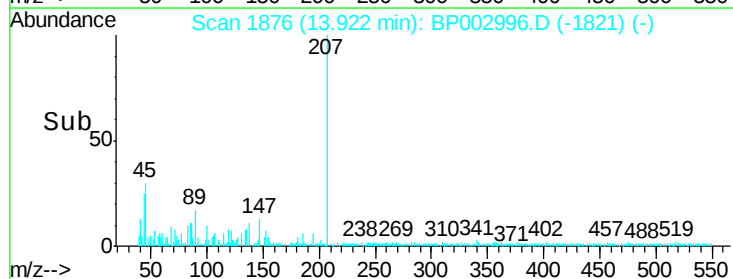
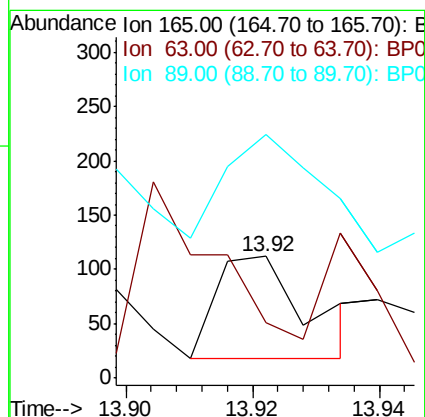
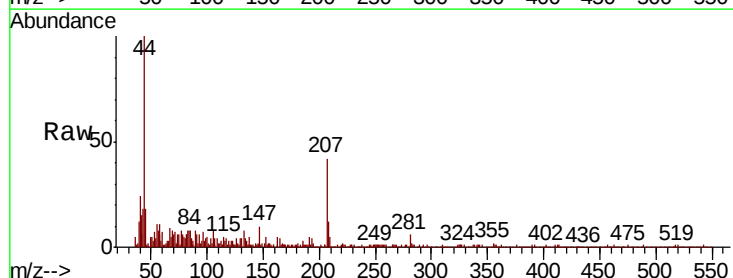
Tgt Ion: 165 Resp: 94

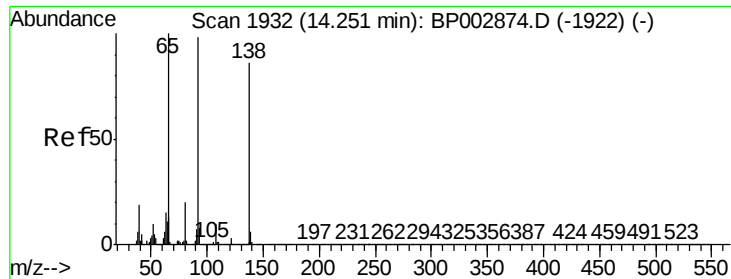
Ion Ratio Lower Upper

165 100

63 45.5 28.1 42.1#

89 200.0 34.5 51.7#

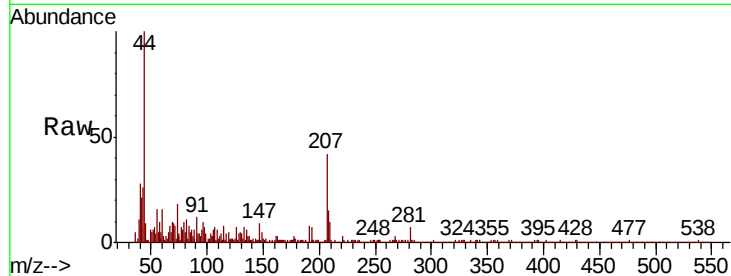




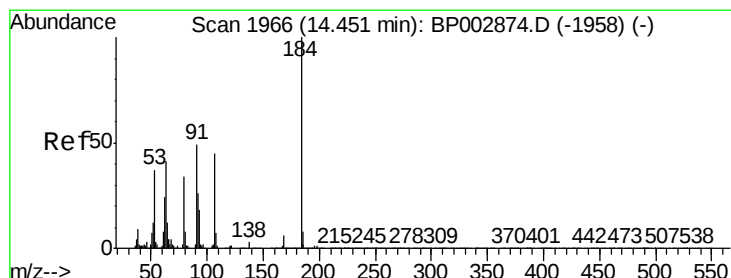
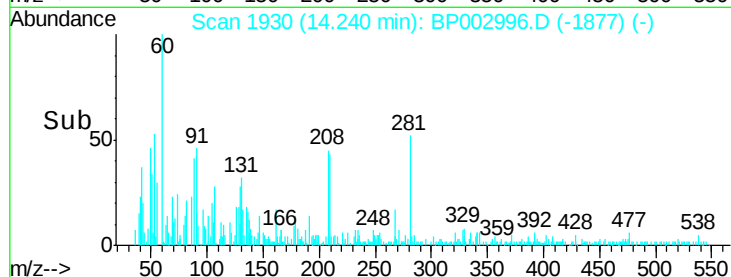
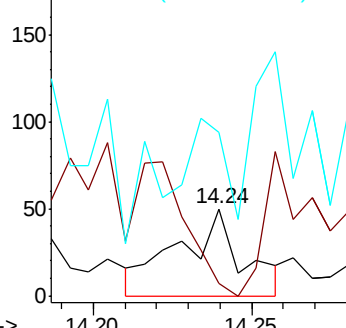
#53
3-Nitroaniline
Concen: 3.279 ng
RT: 14.24 min Scan# 1930
Delta R.T. 0.01 min
Lab File: BP002996.D
Acq: 17 Aug 2020 11:23

Instrument :
BNA_P
ClientSampleId :
PB131001BL

Tot Ion:138 Resp: 69
Ion Ratio Lower Upper
138 100
108 14.0 7.7 11.5#
92 188.0 75.6 113.4#

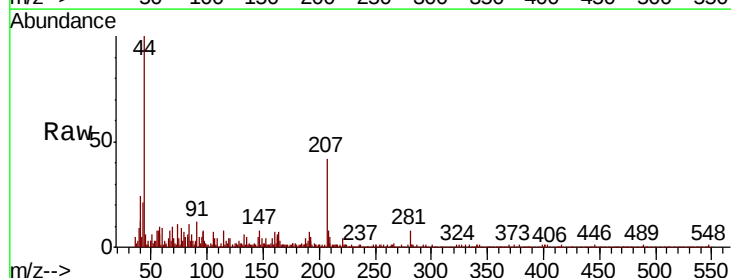


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BP0

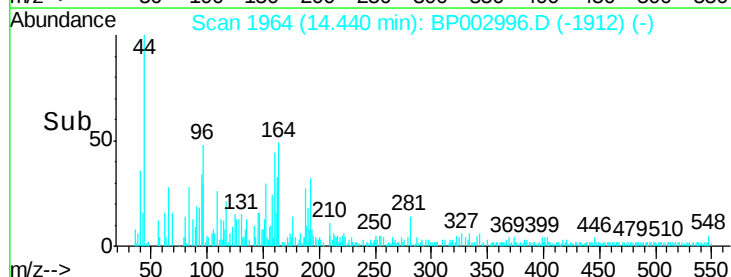
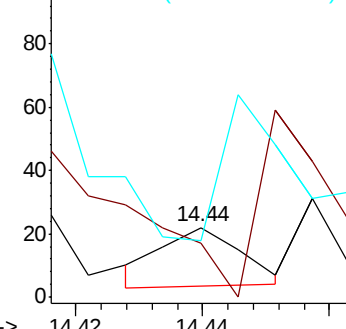


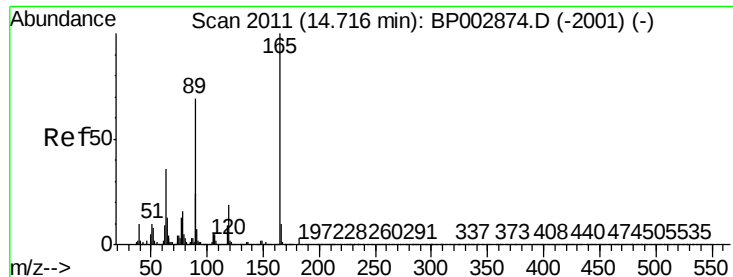
#54
2,4-Dinitrophenol
Concen: 8.060 ng
RT: 14.44 min Scan# 1964
Delta R.T. 0.01 min
Lab File: BP002996.D
Acq: 17 Aug 2020 11:23

Tgt Ion:184 Resp: 16
Ion Ratio Lower Upper
184 100
63 313.6 33.0 49.6#
154 140.9 46.8 70.2#



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BP0
Ion 154.00 (153.70 to 154.70): E

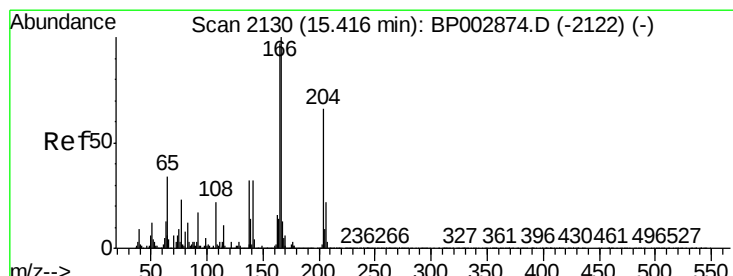
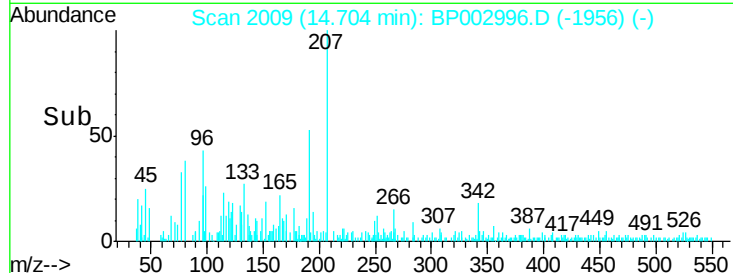
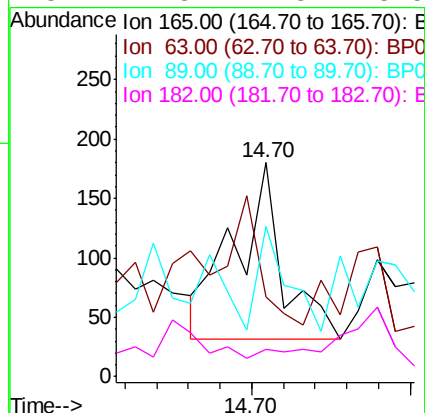
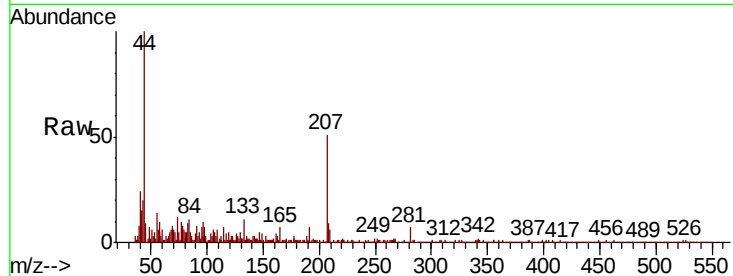




#57
 2,4-Dinitrotoluene
 Concen: 3.816 ng
 RT: 14.70 min Scan# 2009
 Delta R.T. 0.01 min
 Lab File: BP002996.D
 Acq: 17 Aug 2020 11:23

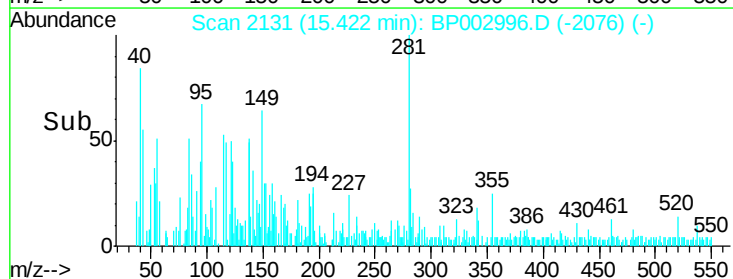
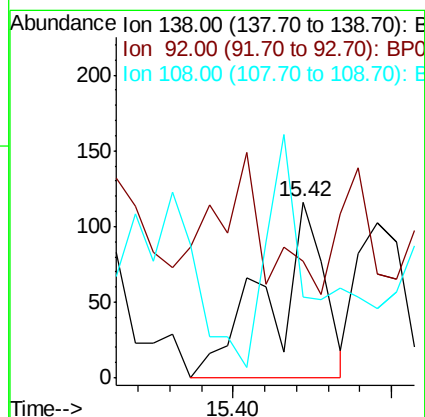
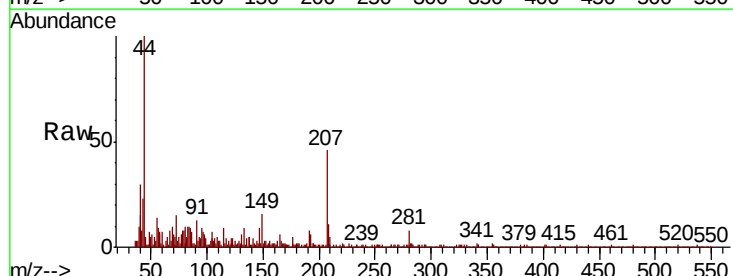
Instrument :
 BNA_P
 ClientSampleId :
 PB131001BL

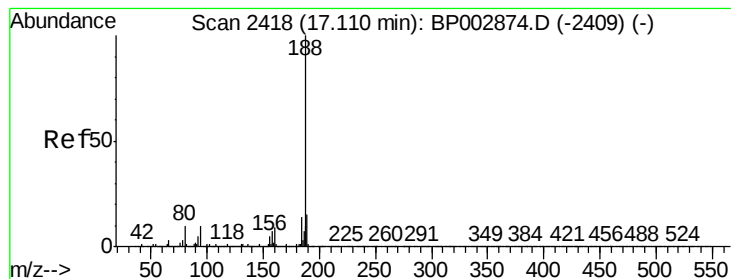
Tot Ion	Ratio	Lower	Upper
165	100		
63	37.2	20.6	31.0#
89	70.0	43.4	65.0#
182	12.8	2.3	3.5#



#62
 4-Nitroaniline
 Concen: 2.427 ng
 RT: 15.42 min Scan# 2131
 Delta R.T. 0.02 min
 Lab File: BP002996.D
 Acq: 17 Aug 2020 11:23

Tgt Ion	Ratio	Lower	Upper
138	100		
92	66.4	21.4	61.4#
108	45.7	40.8	80.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.07 min Scan# 2412

Delta R.T. -0.01 min

Lab File: BP002996.D

Acq: 17 Aug 2020 11:23

Instrument :

BNA_P

ClientSampleId :

PB131001BL

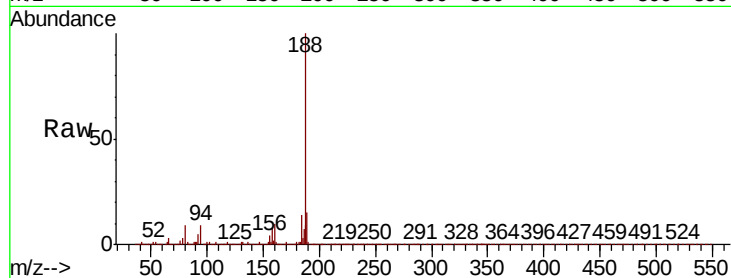
Tot Ion:188 Resp: 1398136

Ion Ratio Lower Upper

188 100

94 9.2 7.1 10.7

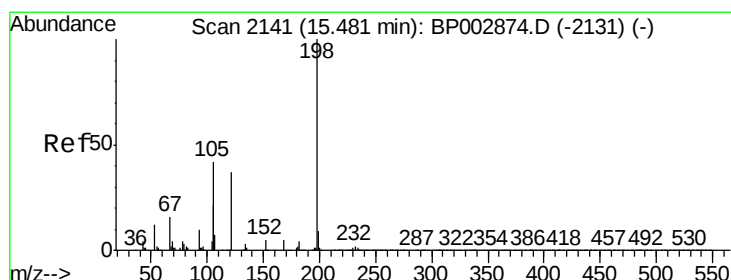
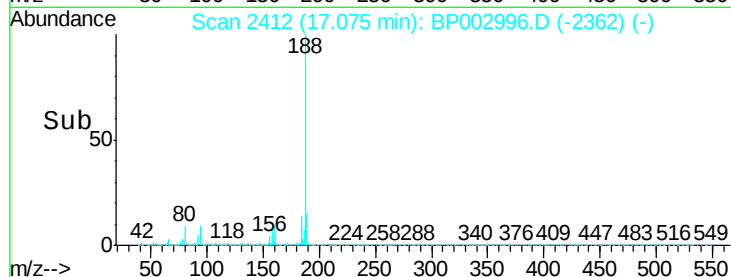
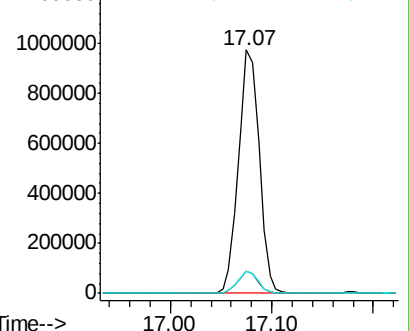
80 9.1 6.7 10.1



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BP0

Ion 80.00 (79.70 to 80.70): BP0



#65

4,6-Dinitro-2-methylphenol

Concen: 6.905 ng

RT: 15.46 min Scan# 2137

Delta R.T. 0.00 min

Lab File: BP002996.D

Acq: 17 Aug 2020 11:23

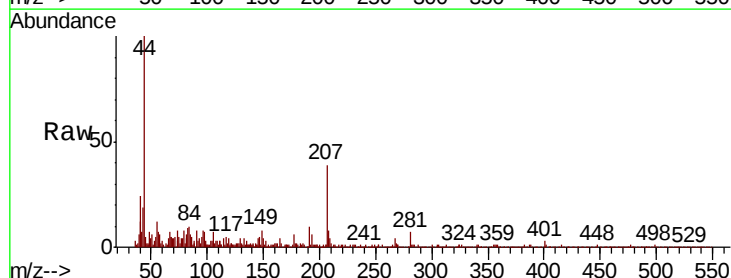
Tgt Ion:198 Resp: 44

Ion Ratio Lower Upper

198 100

51 576.7 6.2 46.2#

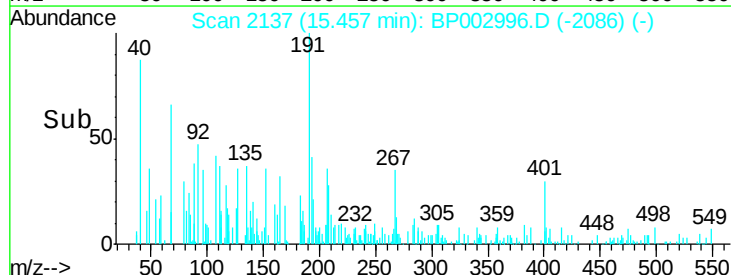
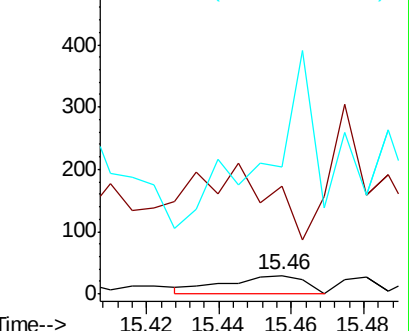
105 676.7 19.9 59.9#

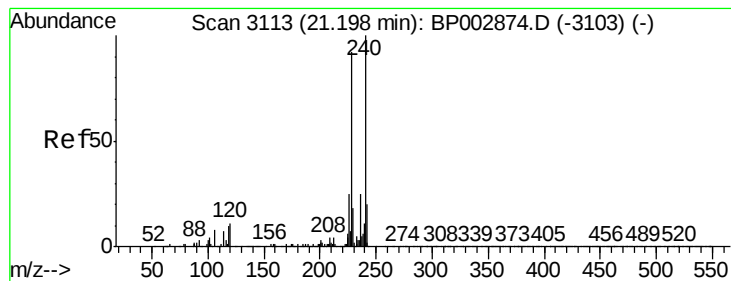


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BP0

Ion 105.00 (104.70 to 105.70): E





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.17 min Scan# 3108

Delta R.T. -0.01 min

Lab File: BP002996.D

Acq: 17 Aug 2020 11:23

Instrument :

BNA_P

ClientSampleId :

PB131001BL

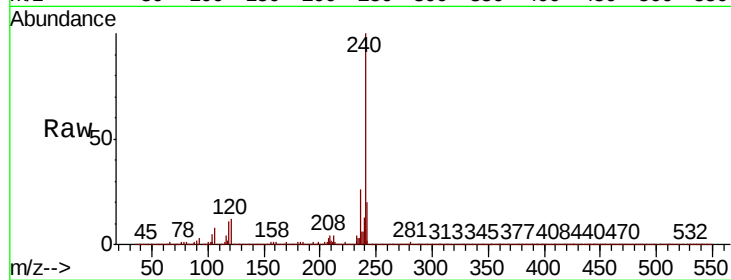
Tot Ion:240 Resp: 1505099

Ion Ratio Lower Upper

240 100

120 11.8 9.5 14.3

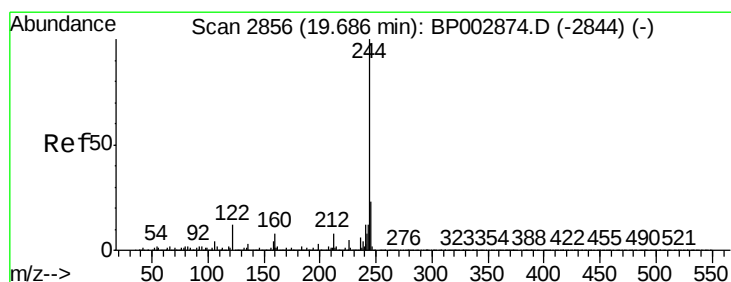
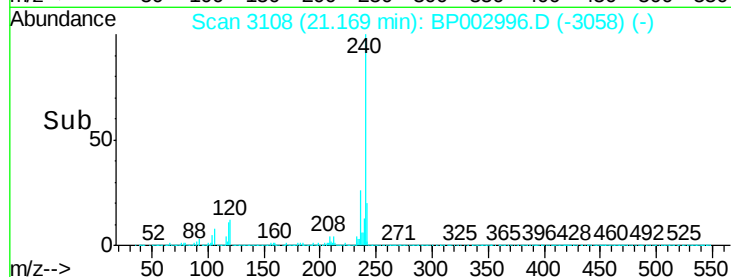
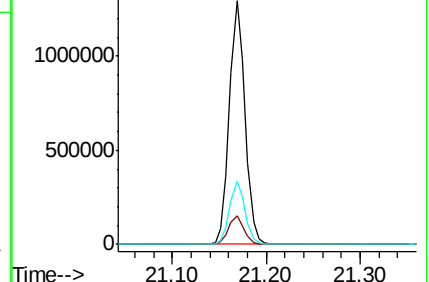
236 25.8 20.8 31.2



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: 65.895 ng

RT: 19.66 min Scan# 2851

Delta R.T. 0.00 min

Lab File: BP002996.D

Acq: 17 Aug 2020 11:23

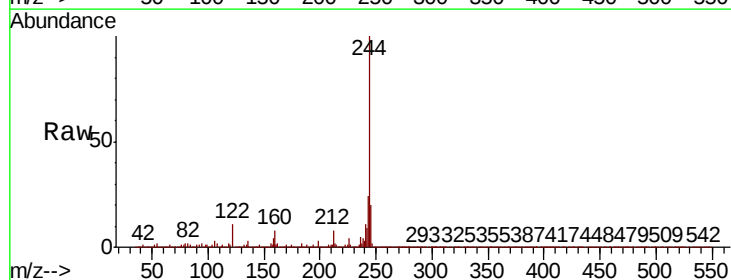
Tgt Ion:244 Resp: 4954113

Ion Ratio Lower Upper

244 100

212 7.5 6.3 9.5

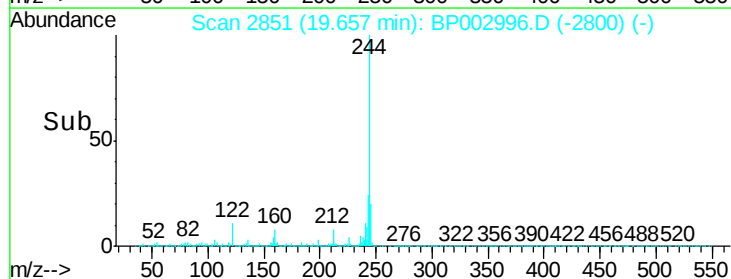
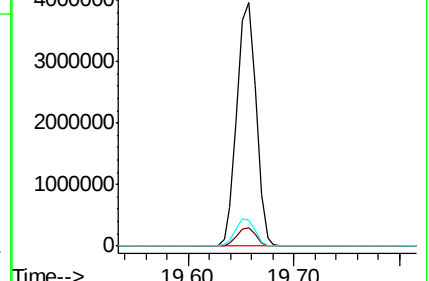
122 10.8 8.7 13.1

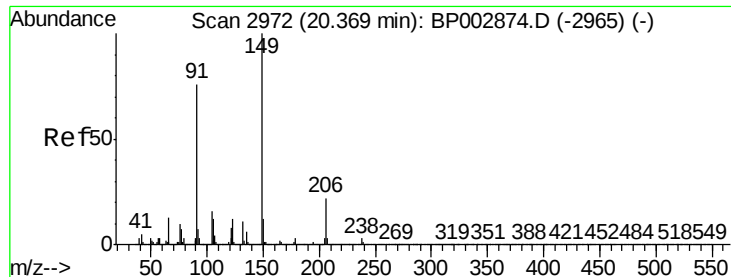


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

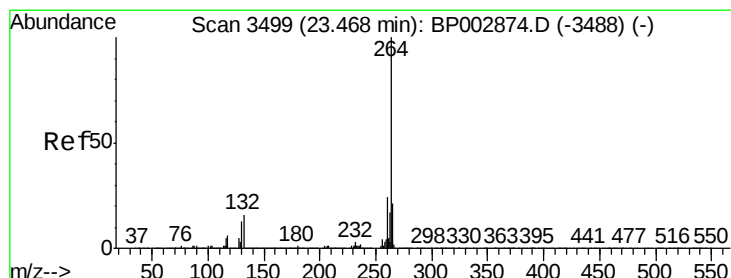
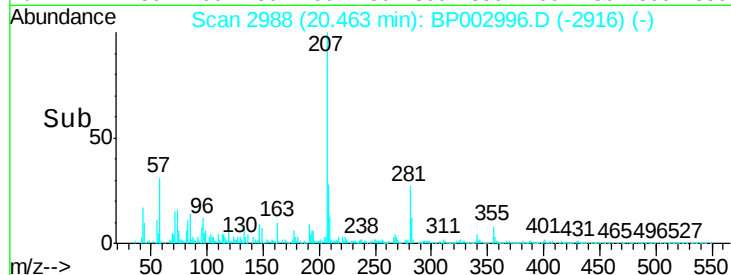
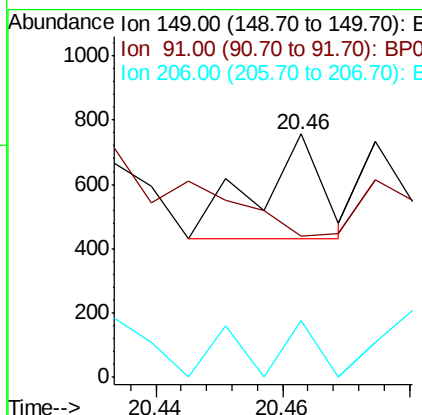
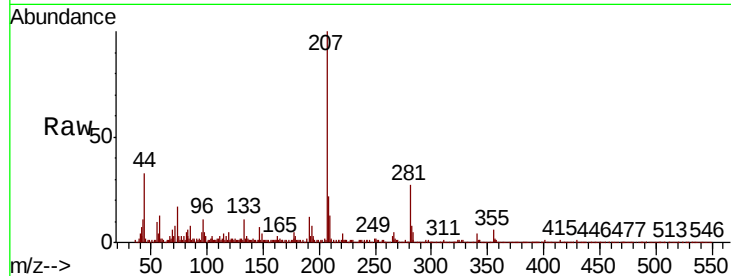




#80
Butylbenzylphthalate
Concen: 3.063 ng
RT: 20.46 min Scan# 2988
Delta R.T. 0.12 min
Lab File: BP002996.D
Acq: 17 Aug 2020 11:23

Instrument :
BNA_P
ClientSampleId :
PB131001BL

Tot Ion:149 Resp: 229
Ion Ratio Lower Upper
149 100
91 57.9 45.3 67.9
206 23.5 17.5 26.3



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.42 min Scan# 3490
Delta R.T. -0.01 min
Lab File: BP002996.D
Acq: 17 Aug 2020 11:23

Tgt Ion:264 Resp: 1630987
Ion Ratio Lower Upper
264 100
260 24.3 19.2 28.8
265 21.5 17.3 25.9

