

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP081720\
 Data File : BP002998.D
 Acq On : 17 Aug 2020 12:31
 Operator : CG/JU
 Sample : PB130950BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB130950BL

Quant Time: Aug 17 14:15:58 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	326672	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	1173065	20.00	ng	0.00
39) Acenaphthene-d10	14.33	164	766494	20.00	ng	0.00
64) Phenanthrene-d10	17.07	188	1499065	20.00	ng	0.00
76) Chrysene-d12	21.17	240	1593417	20.00	ng	0.00
86) Perylene-d12	23.42	264	1725342	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.29	112	2328602	109.10	ng	0.00
7) Phenol-d6	6.86	99	2626683	88.64	ng	0.00
23) Nitrobenzene-d5	8.83	82	1367112	63.12	ng	0.00
42) 2,4,6-Tribromophenol	15.82	330	962409	101.02	ng	0.00
45) 2-Fluorobiphenyl	12.95	172	4173621	74.40	ng	0.00
79) Terphenyl-d14	19.66	244	5380244	67.60	ng	0.00

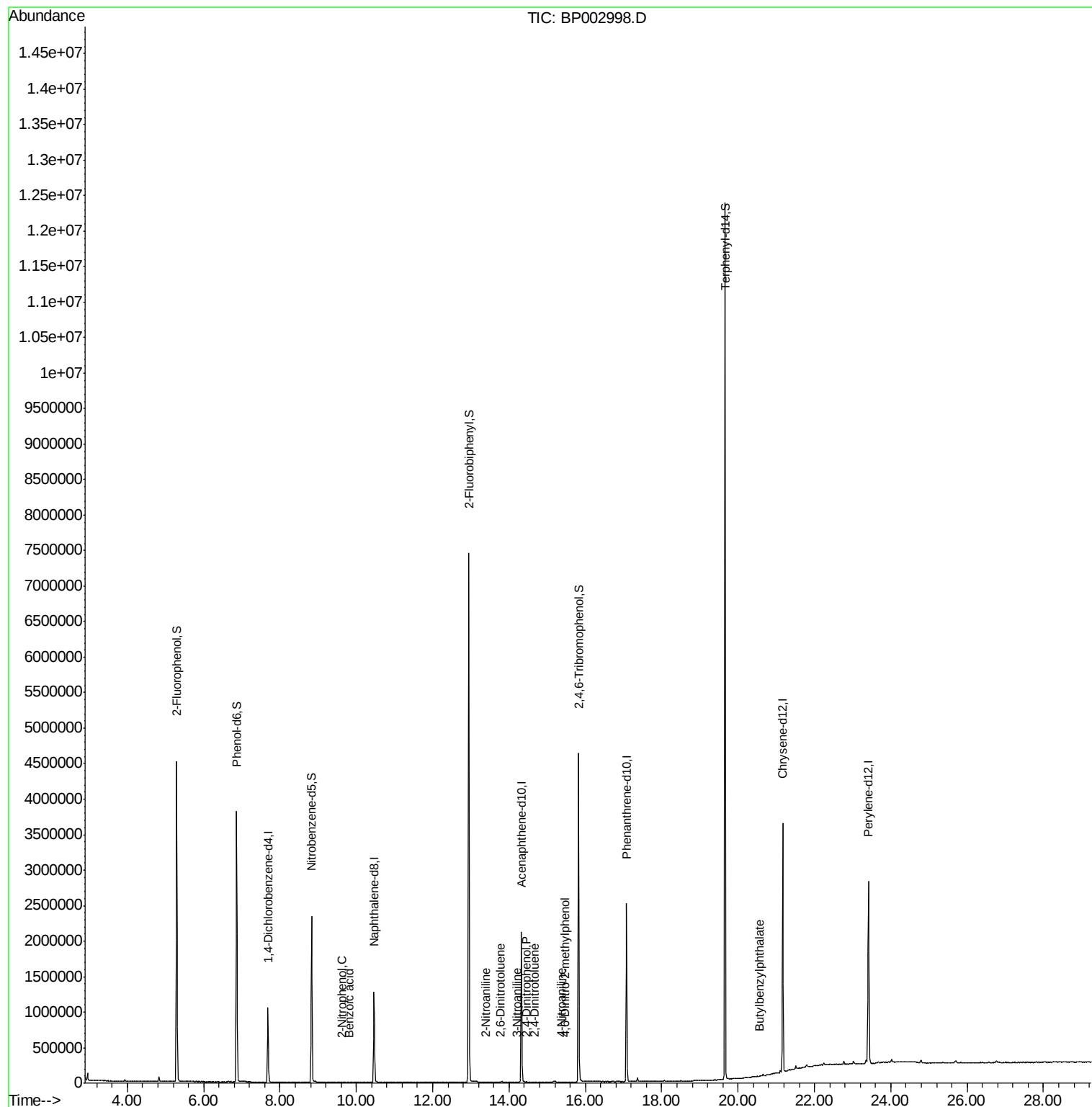
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
26) 2-Nitrophenol	9.61	139	27	4.523	ng	# 1
32) Benzoic acid	9.82	122	25	7.688	ng	# 1
48) 2-Nitroaniline	13.40	65	203	3.987	ng	# 22
51) 2,6-Dinitrotoluene	13.77	165	70	2.904	ng	# 97
53) 3-Nitroaniline	14.20	138	8	3.274	ng	# 16
54) 2,4-Dinitrophenol	14.45	184	43	8.064	ng	# 1
57) 2,4-Dinitrotoluene	14.69	165	90	3.810	ng	# 62
62) 4-Nitroaniline	15.38	138	19	2.417	ng	# 70
65) 4,6-Dinitro-2-methylphenol	15.46	198	13	6.902	ng	# 1
80) Butylbenzylphthalate	20.54	149	108	3.060	ng	# 89

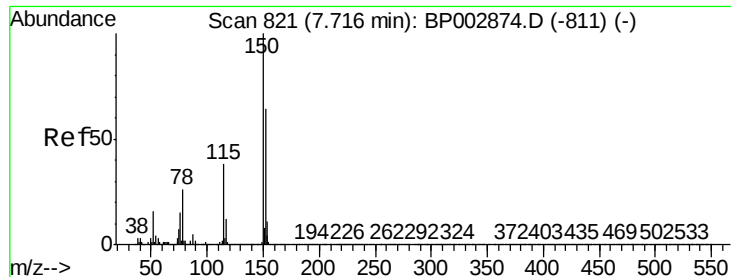
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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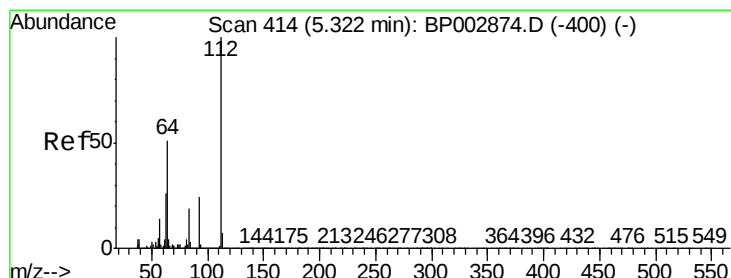
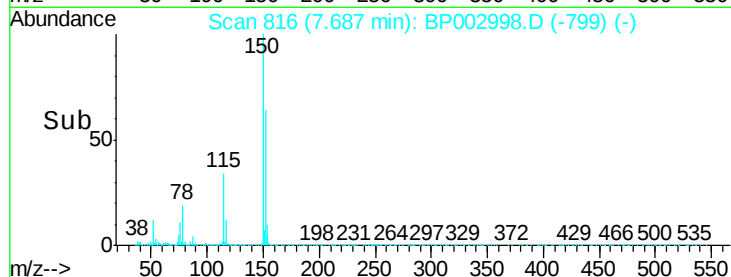
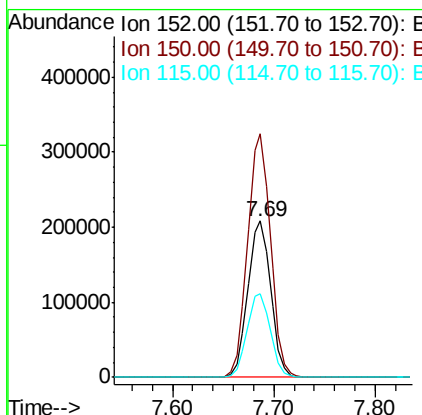
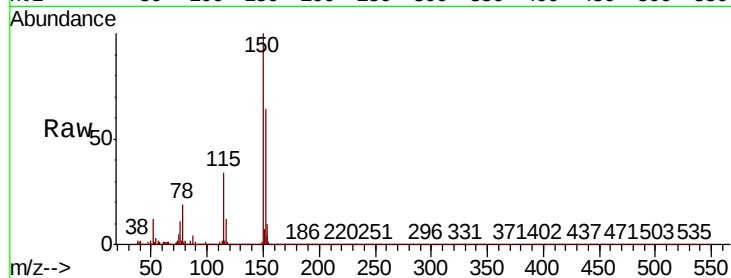


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.69 min Scan# 816
Delta R.T. -0.00 min
Lab File: BP002998.D
Acq: 17 Aug 2020 12:31

Instrument :
BNA_P
ClientSampleId :
PB130950BL

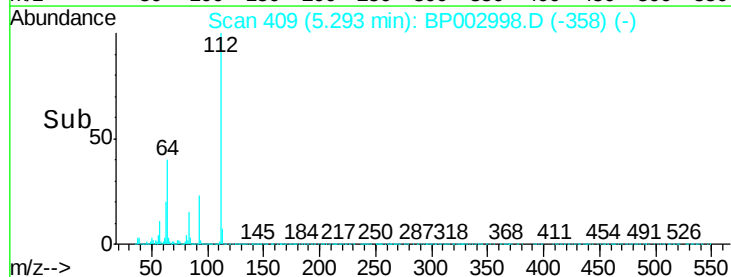
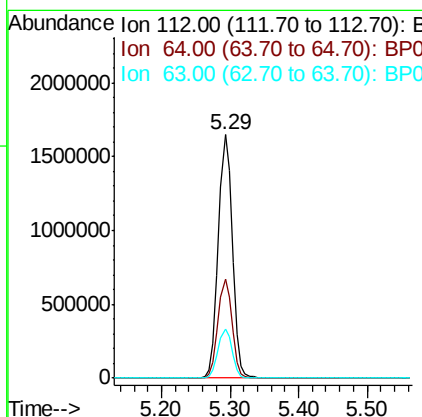
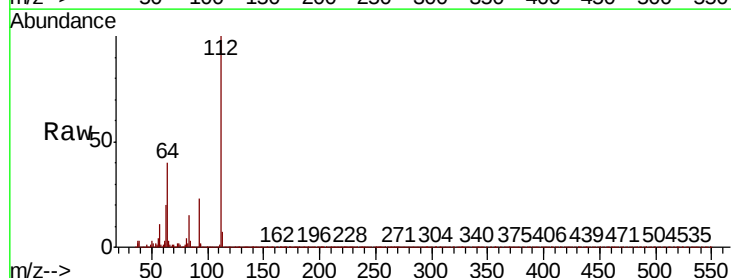
Tot Ion	152	Resp	326672
Ion Ratio	Lower	Upper	
152	100		
150	155.9	126.1	189.1
115	53.2	43.4	65.2

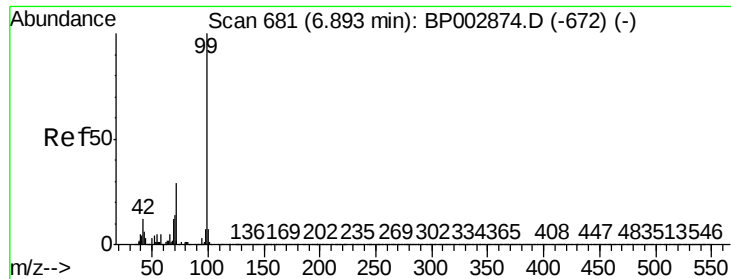


#5

2-Fluorophenol
Concen: 109.098 ng
RT: 5.29 min Scan# 409
Delta R.T. -0.00 min
Lab File: BP002998.D
Acq: 17 Aug 2020 12:31

Tgt Ion	112	Resp	2328602
Ion Ratio	Lower	Upper	
112	100		
64	40.4	33.4	50.2
63	20.3	17.4	26.0





#7

Phenol-d6

Concen: 88.639 ng

RT: 6.86 min Scan# 676

Delta R.T. -0.01 min

Lab File: BP002998.D

Acq: 17 Aug 2020 12:31

Instrument :

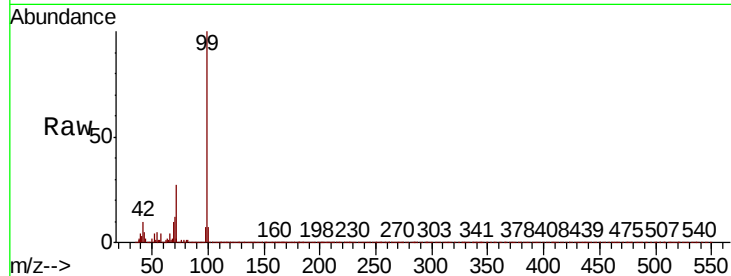
BNA_P

ClientSampleId :

PB130950BL

Tot Ion: 99 Resp: 2626683

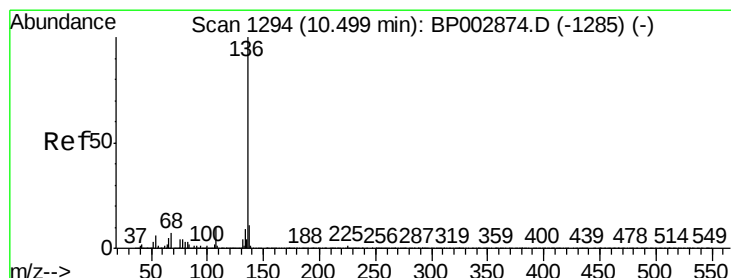
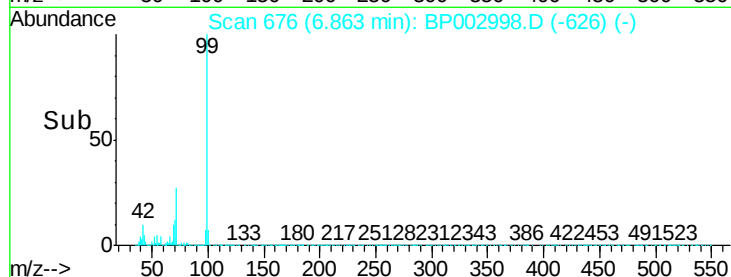
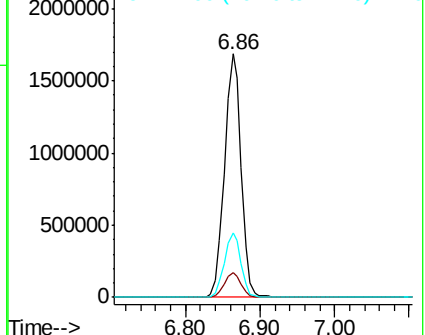
Ion	Ratio	Lower	Upper
99	100		
42	10.2	8.0	12.0
71	26.7	21.3	31.9



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

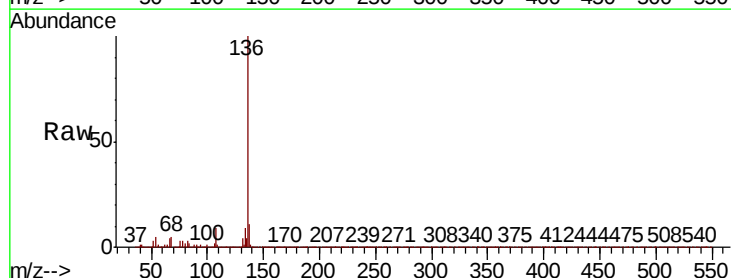
Delta R.T. -0.01 min

Lab File: BP002998.D

Acq: 17 Aug 2020 12:31

Tgt Ion: 136 Resp: 1173065

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	4.8	3.8	5.8
68	4.9	3.8	5.8

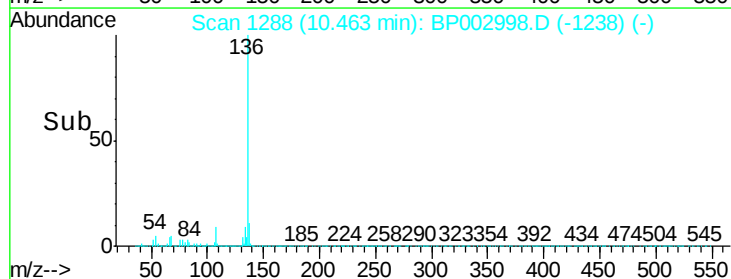
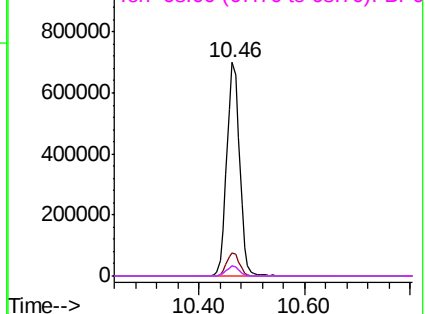


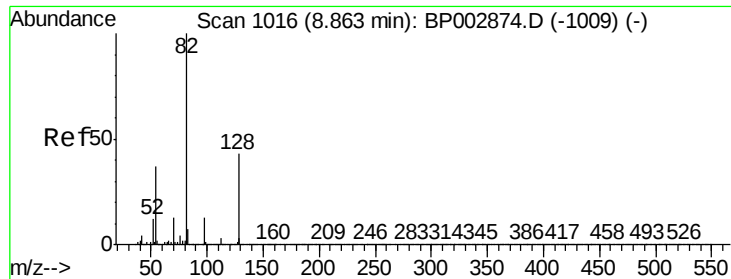
Abundance Ion 136.00 (135.70 to 136.70): E

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

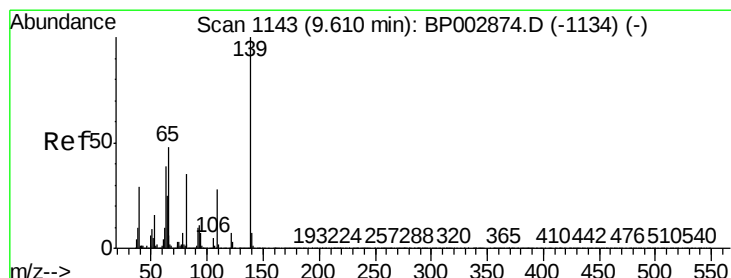
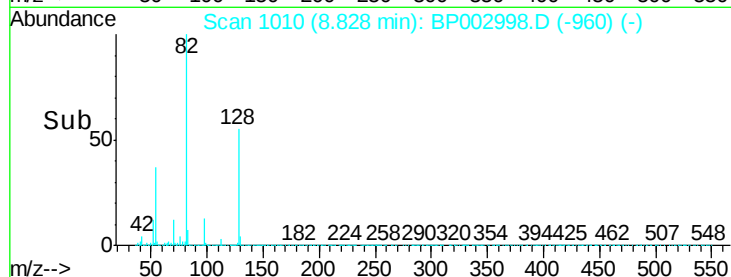
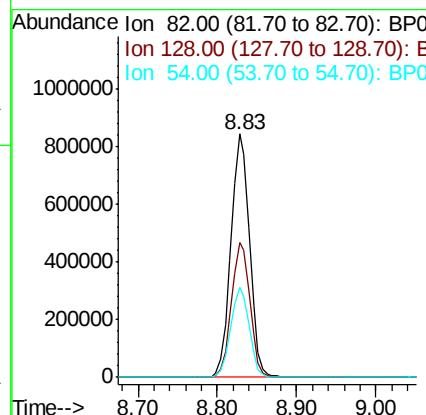
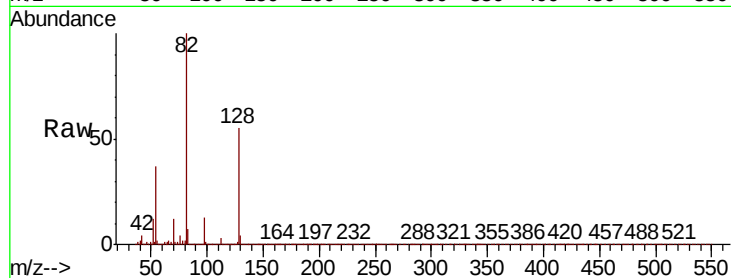




#23
Nitrobenzene-d5
Concen: 63.122 ng
RT: 8.83 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BP002998.D
Acq: 17 Aug 2020 12:31

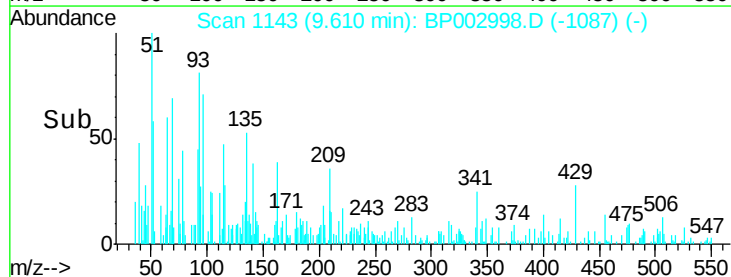
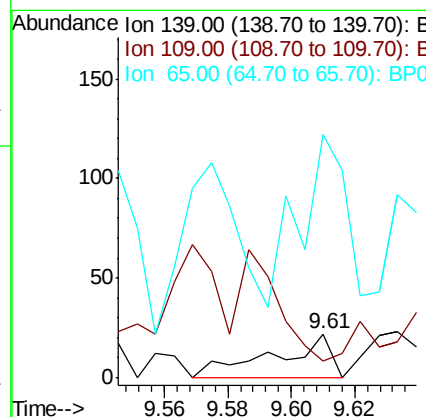
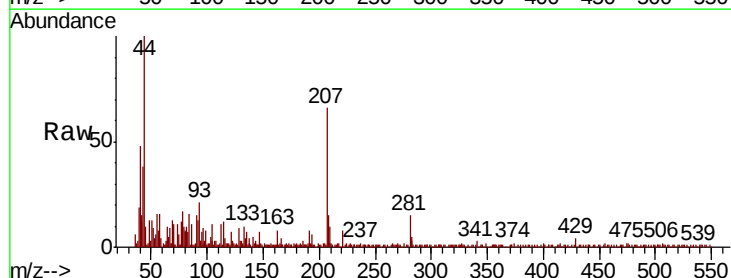
Instrument :
BNA_P
ClientSampled :
PB130950BL

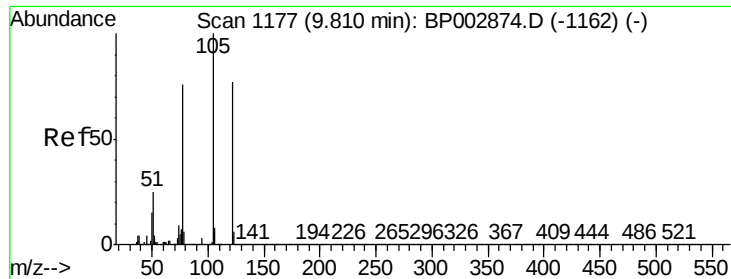
Tot Ion: 82 Resp: 1367112
Ion Ratio Lower Upper
82 100
128 55.4 45.1 67.7
54 37.0 28.8 43.2



#26
2-Nitrophenol
Concen: 4.523 ng
RT: 9.61 min Scan# 1143
Delta R.T. 0.03 min
Lab File: BP002998.D
Acq: 17 Aug 2020 12:31

Tgt Ion:139 Resp: 27
Ion Ratio Lower Upper
139 100
109 36.4 21.0 31.6#
65 554.5 27.2 40.8#

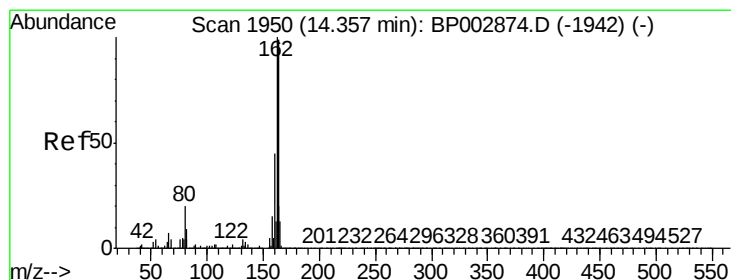
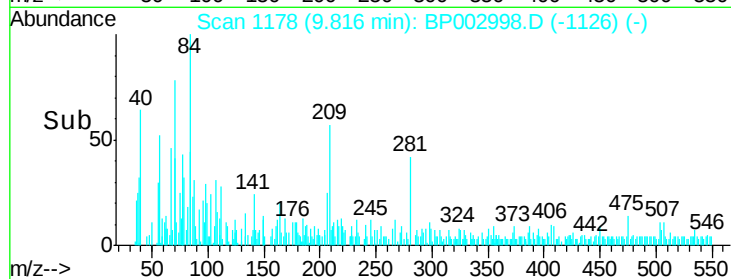
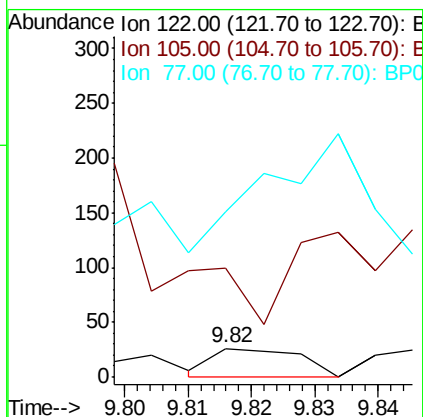
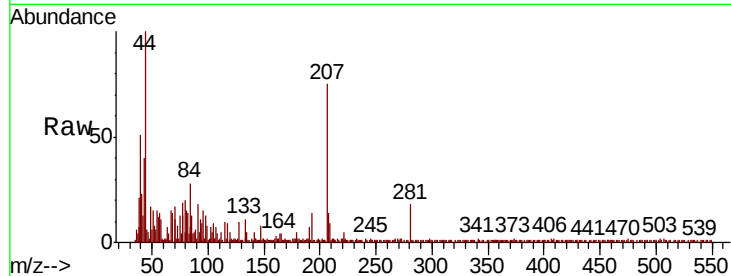




#32
Benzoic acid
Concen: 7.688 ng
RT: 9.82 min Scan# 1178
Delta R.T. 0.01 min
Lab File: BP002998.D
Acq: 17 Aug 2020 12:31

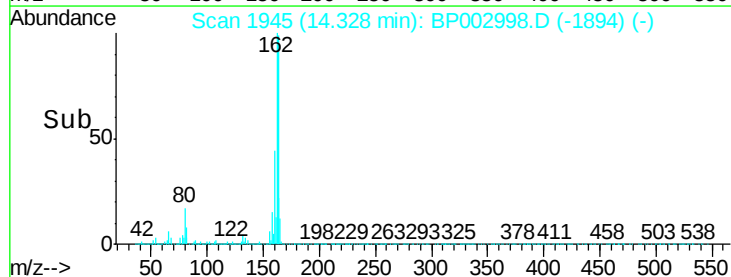
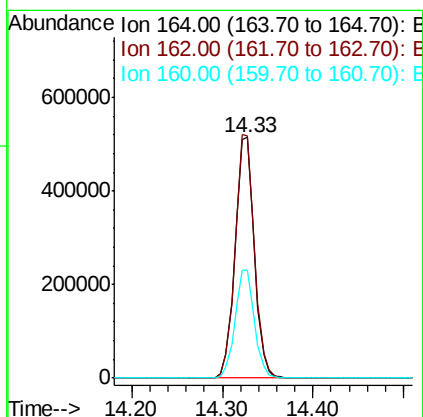
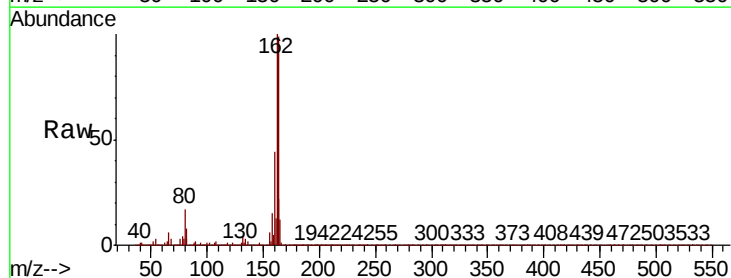
Instrument :
BNA_P
ClientSampleID :
PB130950BL

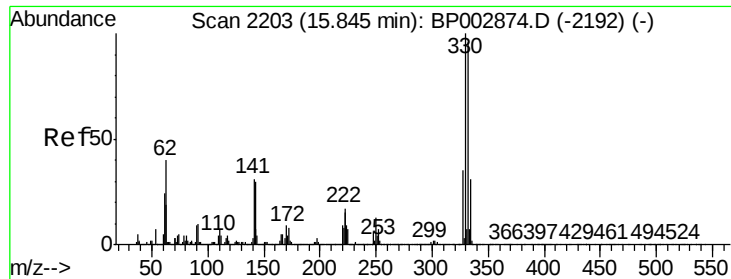
Tot Ion	Ratio	Lower	Upper
122	100		
105	453.8	96.2	136.2#
77	580.8	55.6	95.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.33 min Scan# 1945
Delta R.T. -0.00 min
Lab File: BP002998.D
Acq: 17 Aug 2020 12:31

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.0	81.4	122.0
160	44.8	35.5	53.3

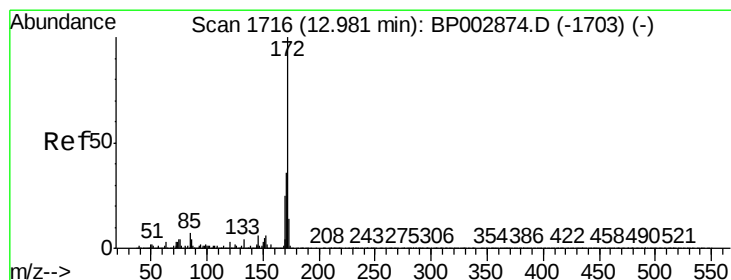
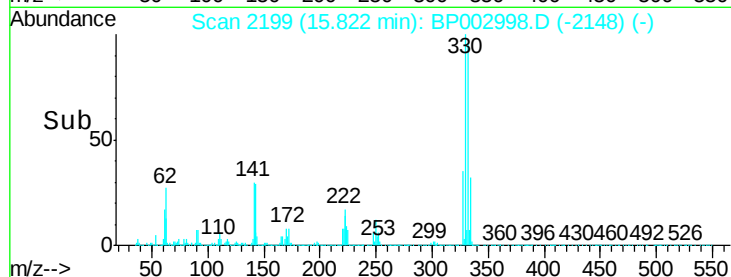
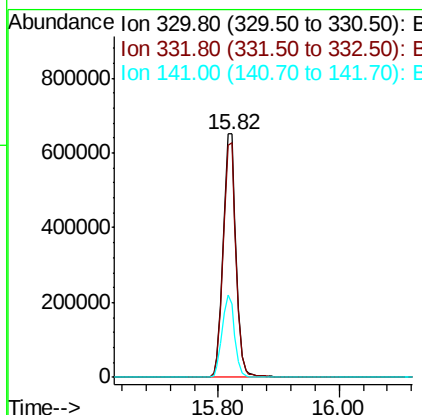
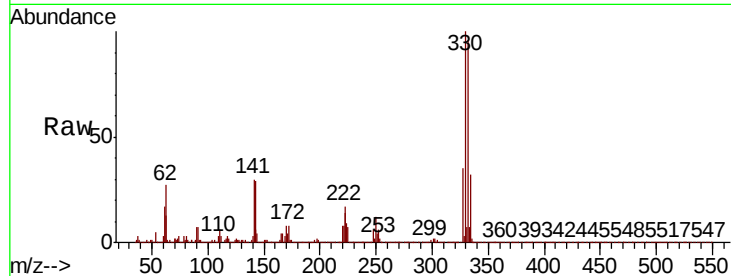




#42
2,4,6-Tribromophenol
Concen: 101.023 ng
RT: 15.82 min Scan# 2199
Delta R.T. -0.00 min
Lab File: BP002998.D
Acq: 17 Aug 2020 12:31

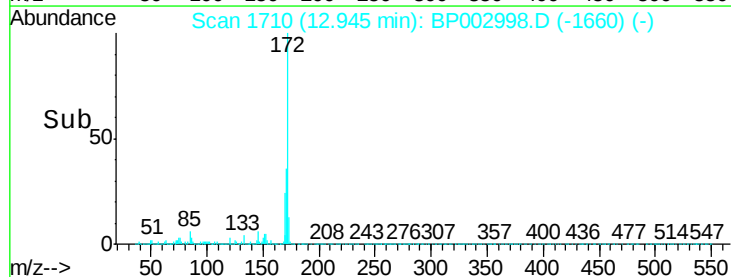
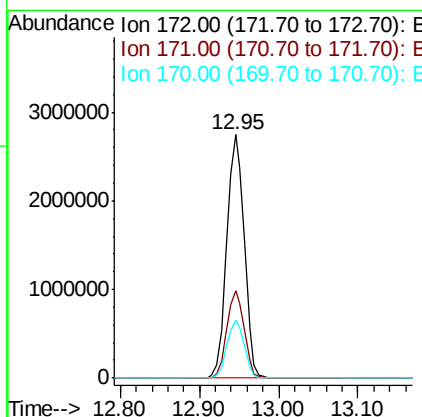
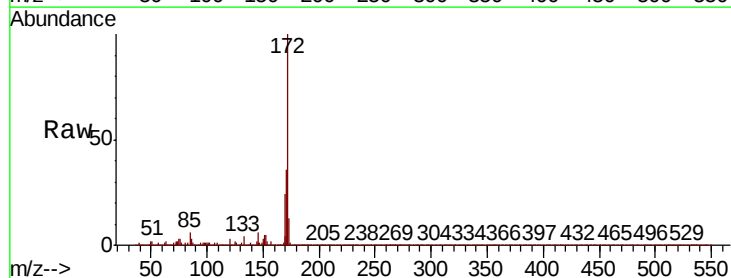
Instrument :
BNA_P
ClientSampleId :
PB130950BL

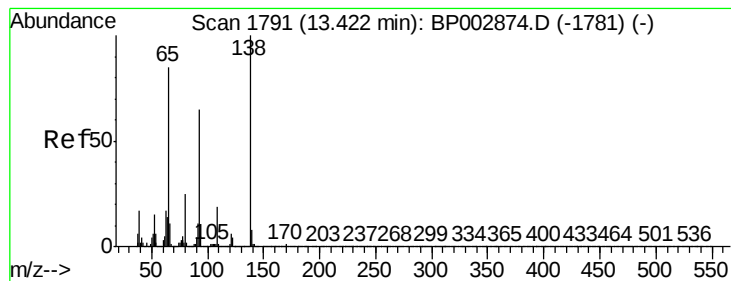
Tot Ion:330 Resp: 962409
Ion Ratio Lower Upper
330 100
332 95.9 77.0 115.6
141 33.0 26.7 40.1



#45
2-Fluorobiphenyl
Concen: 74.396 ng
RT: 12.95 min Scan# 1710
Delta R.T. -0.01 min
Lab File: BP002998.D
Acq: 17 Aug 2020 12:31

Tgt Ion:172 Resp: 4173621
Ion Ratio Lower Upper
172 100
171 36.0 29.0 43.4
170 23.8 19.1 28.7





#48

2-Nitroaniline

Concen: 3.987 ng

RT: 13.40 min Scan# 1788

Delta R.T. 0.01 min

Lab File: BP002998.D

Acq: 17 Aug 2020 12:31

Instrument :

BNA_P

ClientSampleId :

PB130950BL

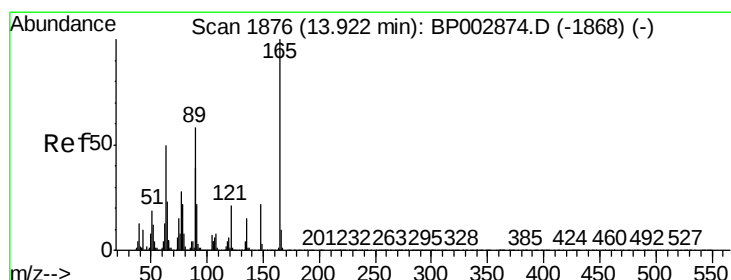
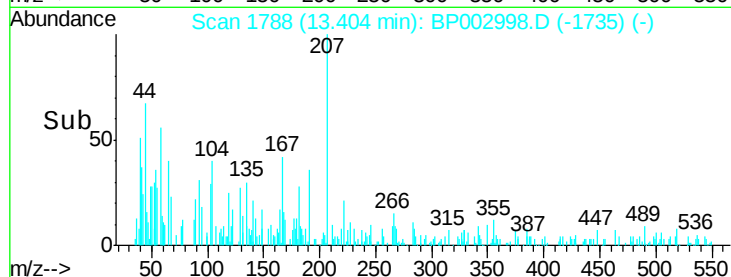
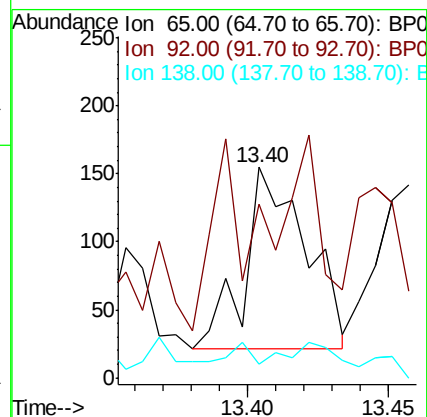
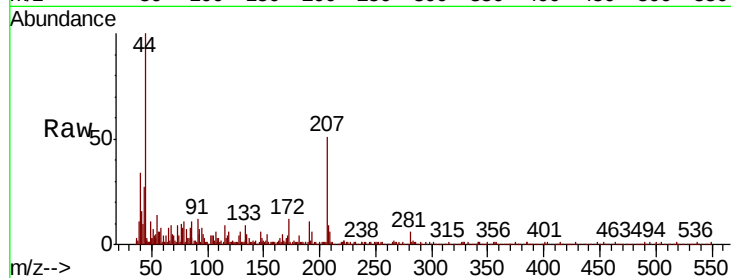
Tot Ion: 65 Resp: 203

Ion Ratio Lower Upper

65 100

92 82.6 70.1 105.1

138 6.5 129.7 194.5#



#51

2,6-Dinitrotoluene

Concen: 2.904 ng

RT: 13.77 min Scan# 1851

Delta R.T. -0.12 min

Lab File: BP002998.D

Acq: 17 Aug 2020 12:31

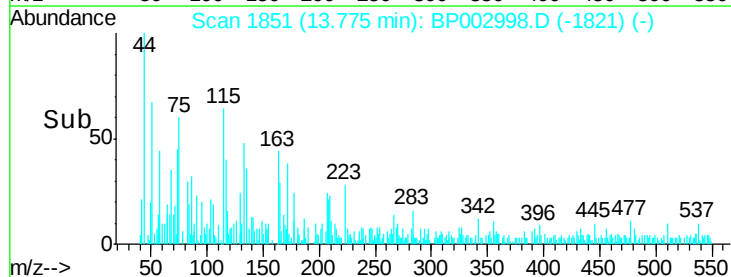
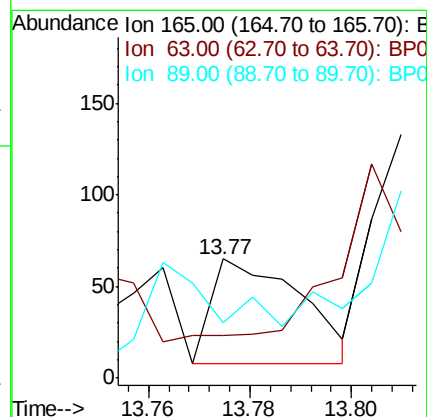
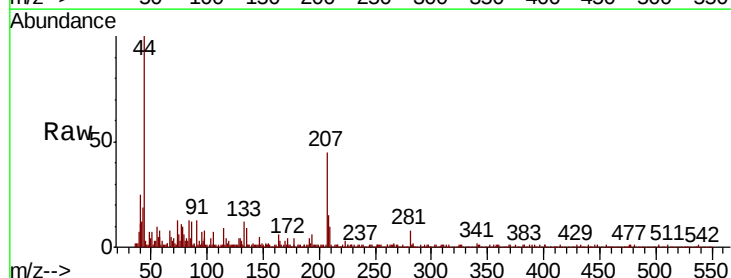
Tgt Ion: 165 Resp: 70

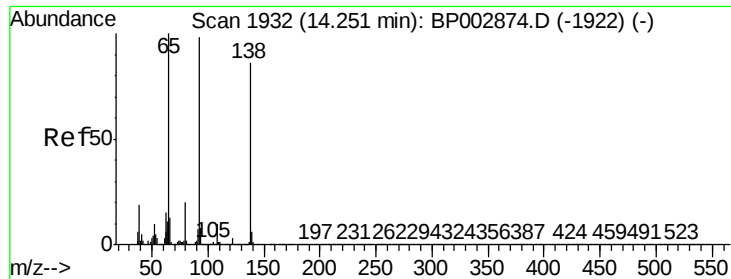
Ion Ratio Lower Upper

165 100

63 35.4 28.1 42.1

89 46.2 34.5 51.7

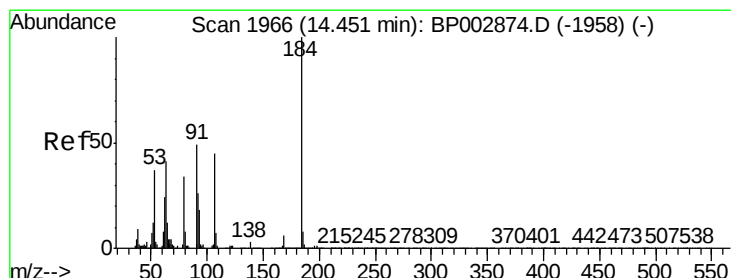
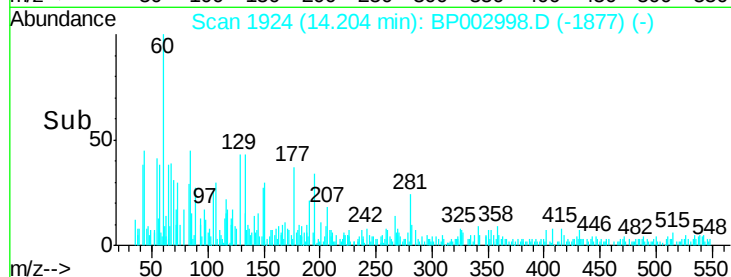
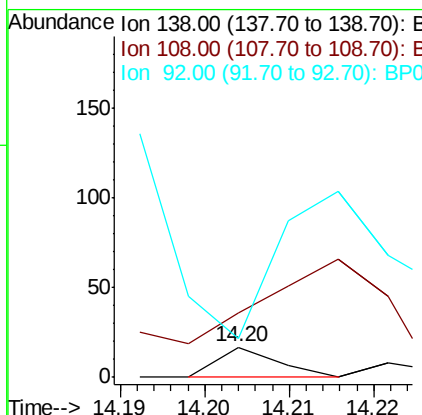
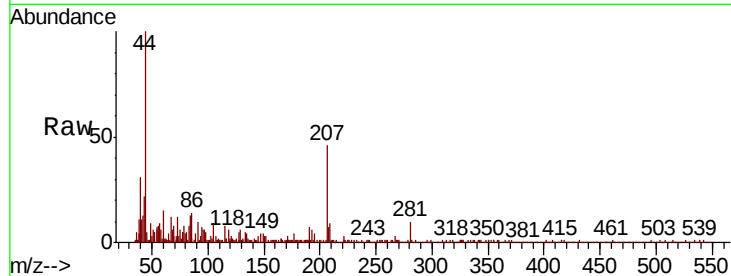




#53
3-Nitroaniline
Concen: 3.274 ng
RT: 14.20 min Scan# 1924
Delta R.T. -0.02 min
Lab File: BP002998.D
Acq: 17 Aug 2020 12:31

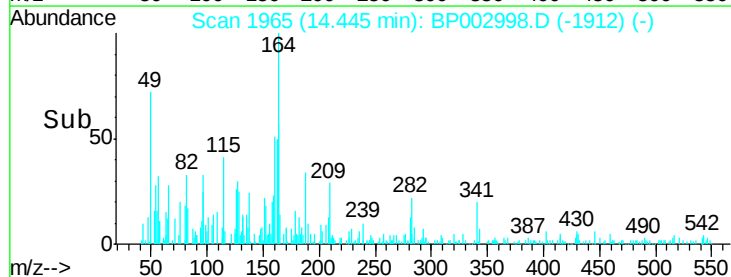
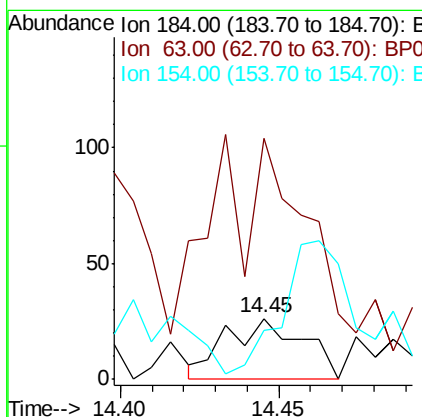
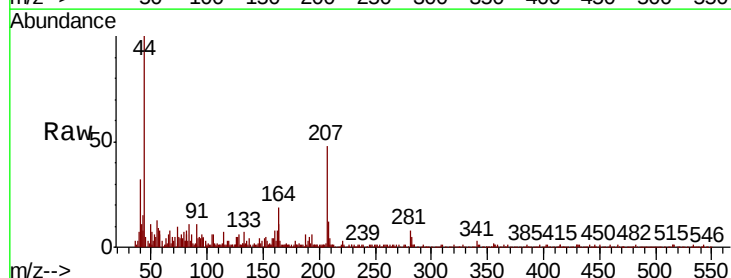
Instrument :
BNA_P
ClientSampleId :
PB130950BL

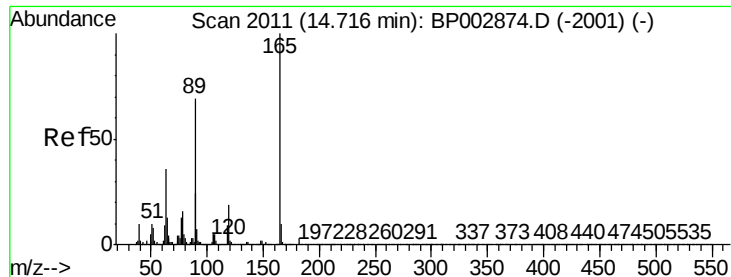
Tot Ion:138 Resp: 8
Ion Ratio Lower Upper
138 100
108 211.8 7.7 11.5#
92 129.4 75.6 113.4#



#54
2,4-Dinitrophenol
Concen: 8.064 ng
RT: 14.45 min Scan# 1965
Delta R.T. 0.01 min
Lab File: BP002998.D
Acq: 17 Aug 2020 12:31

Tgt Ion:184 Resp: 43
Ion Ratio Lower Upper
184 100
63 400.0 33.0 49.6#
154 80.8 46.8 70.2#

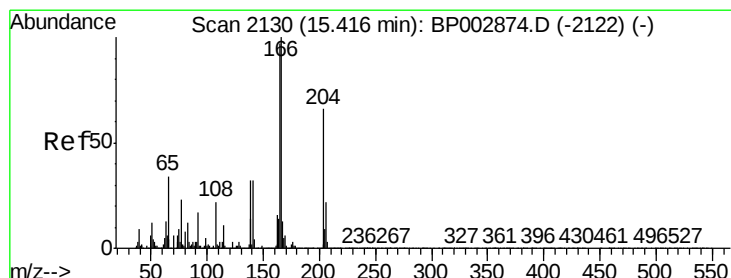
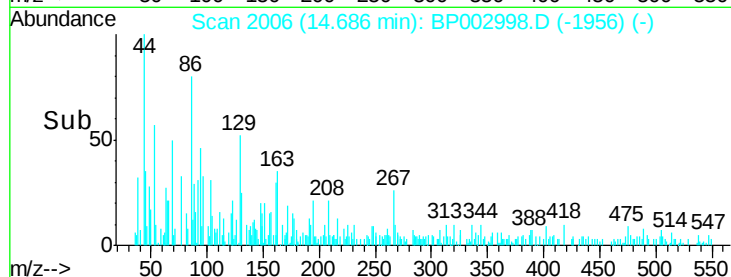
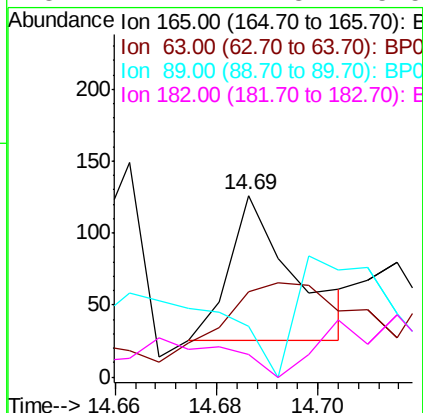
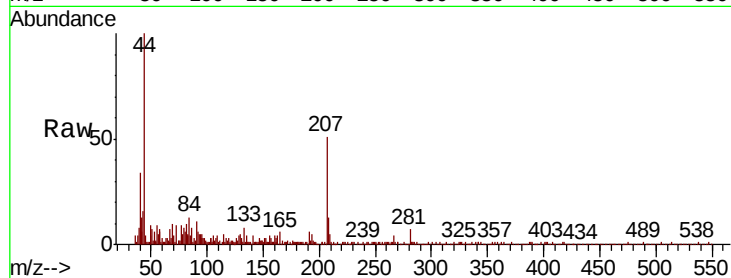




#57
2,4-Dinitrotoluene
Concen: 3.810 ng
RT: 14.69 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BP002998.D
Acq: 17 Aug 2020 12:31

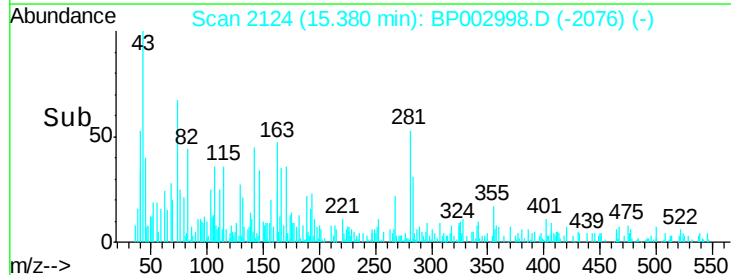
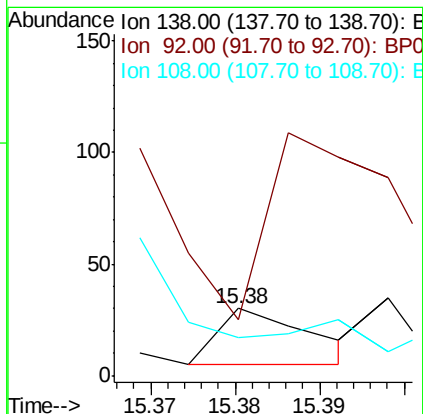
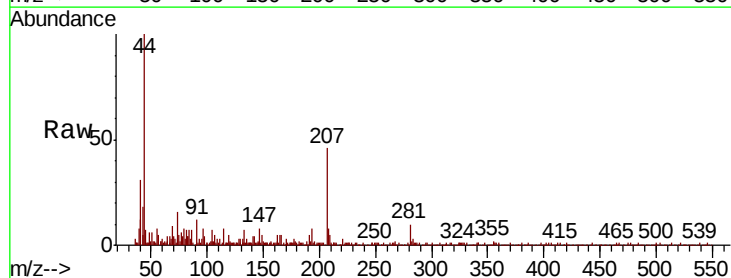
Instrument :
BNA_P
ClientSampleId :
PB130950BL

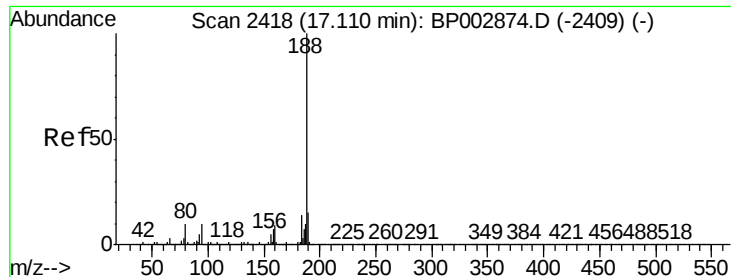
Tot Ion:165 Resp: 90
Ion Ratio Lower Upper
165 100
63 46.8 20.6 31.0#
89 27.8 43.4 65.0#
182 12.7 2.3 3.5#



#62
4-Nitroaniline
Concen: 2.417 ng
RT: 15.38 min Scan# 2124
Delta R.T. -0.02 min
Lab File: BP002998.D
Acq: 17 Aug 2020 12:31

Tgt Ion:138 Resp: 19
Ion Ratio Lower Upper
138 100
92 83.3 21.4 61.4#
108 56.7 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: BP002998.D

Acq: 17 Aug 2020 12:31

Instrument :

BNA_P

ClientSampleId :

PB130950BL

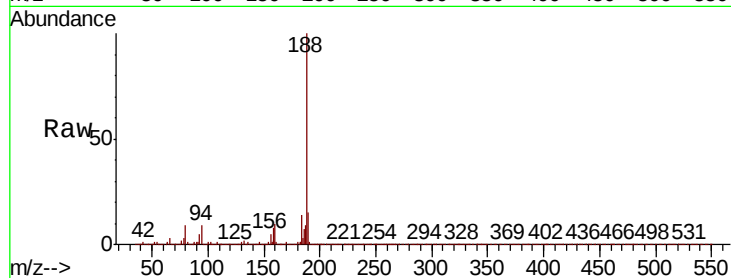
Tot Ion:188 Resp: 1499065

Ion Ratio Lower Upper

188 100

94 8.9 7.1 10.7

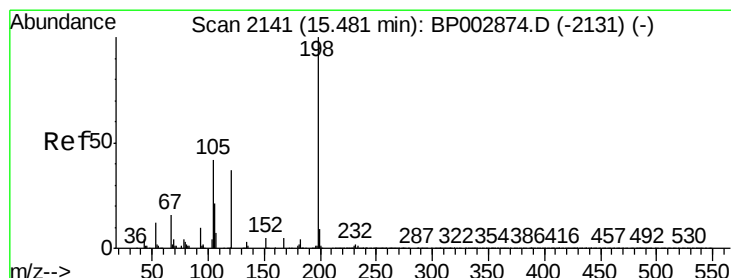
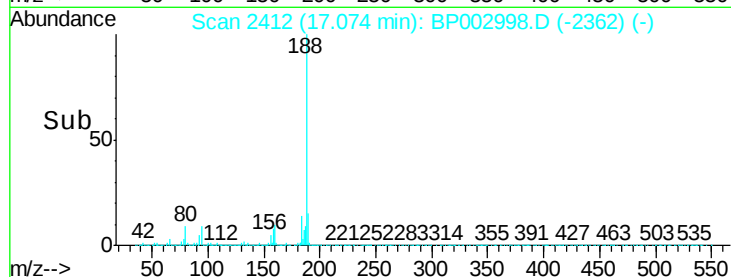
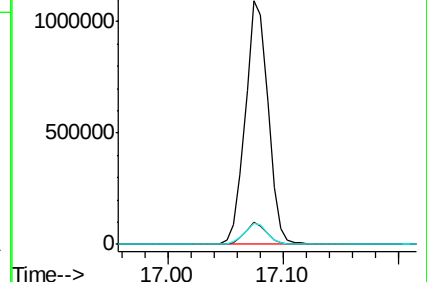
80 8.8 6.7 10.1



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: 6.902 ng

RT: 15.46 min Scan# 2138

Delta R.T. 0.01 min

Lab File: BP002998.D

Acq: 17 Aug 2020 12:31

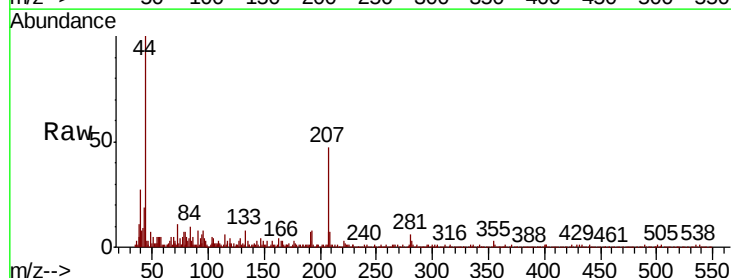
Tgt Ion:198 Resp: 13

Ion Ratio Lower Upper

198 100

51 381.3 6.2 46.2#

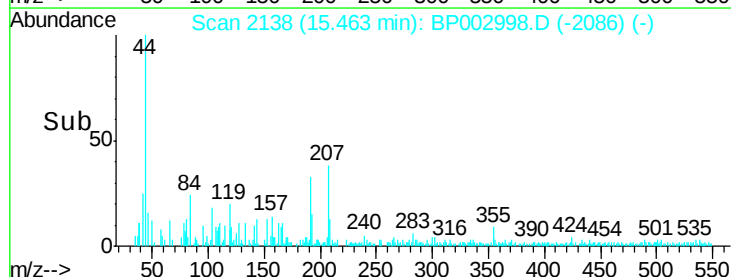
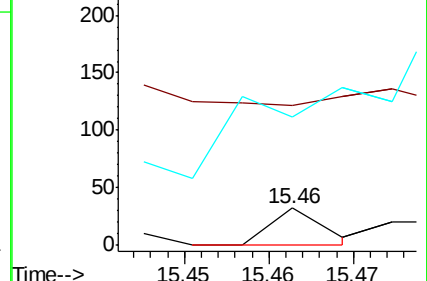
105 346.9 19.9 59.9#

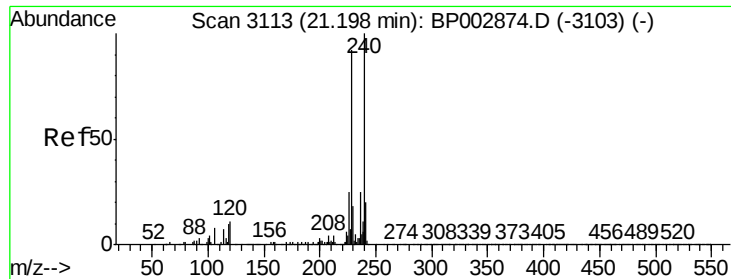


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BP0

Ion 105.00 (104.70 to 105.70): E

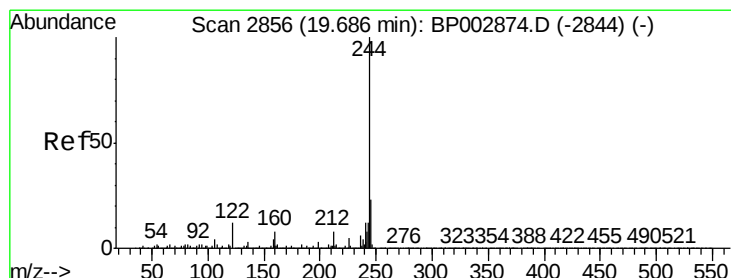
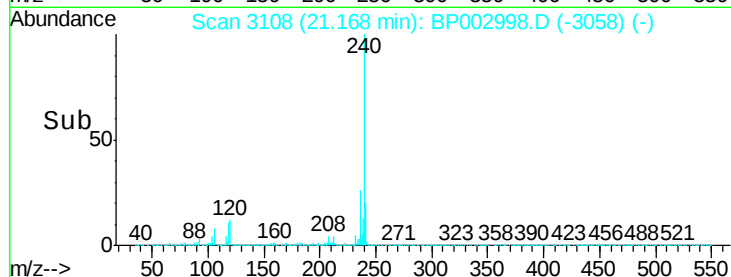
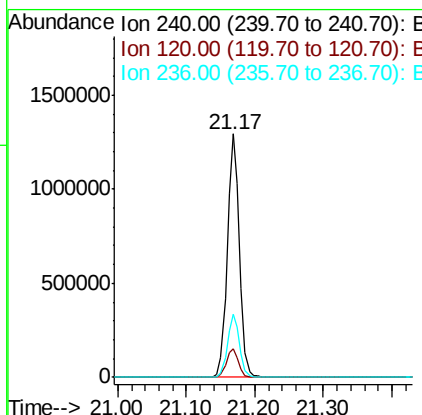
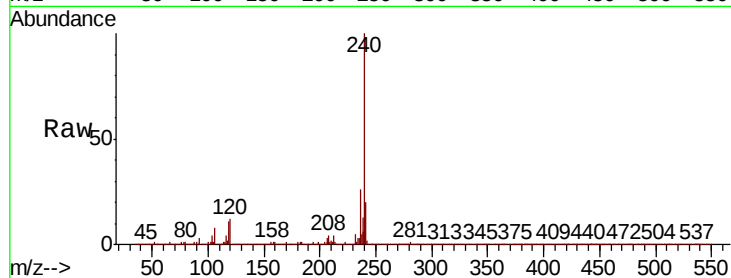




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.17 min Scan# 3108
 Delta R.T. -0.01 min
 Lab File: BP002998.D
 Acq: 17 Aug 2020 12:31

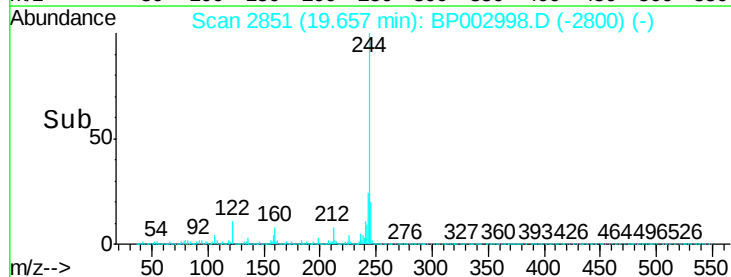
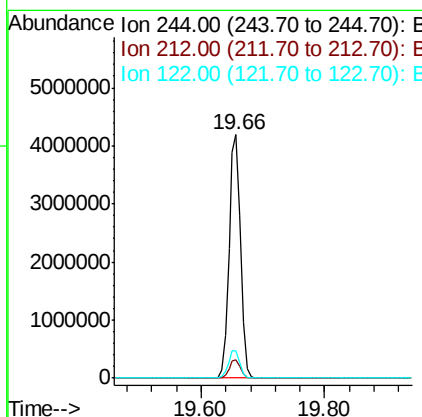
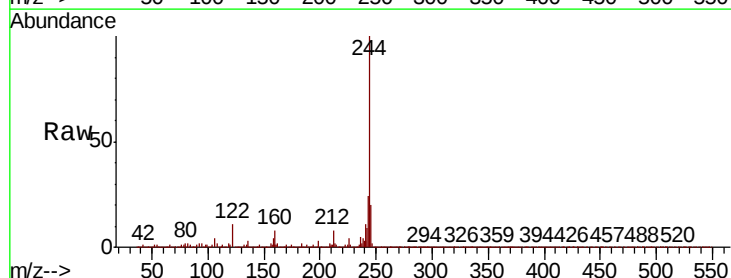
Instrument :
 BNA_P
 ClientSampleId :
 PB130950BL

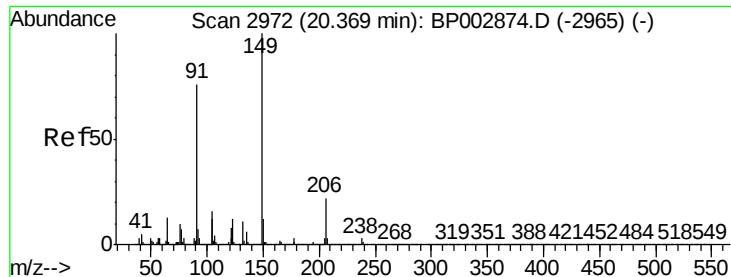
Tot Ion:240 Resp: 1593417
 Ion Ratio Lower Upper
 240 100
 120 11.9 9.5 14.3
 236 26.0 20.8 31.2



#79
 Terphenyl-d14
 Concen: 67.597 ng
 RT: 19.66 min Scan# 2851
 Delta R.T. -0.00 min
 Lab File: BP002998.D
 Acq: 17 Aug 2020 12:31

Tgt Ion:244 Resp: 5380244
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.3 9.5
 122 11.0 8.7 13.1

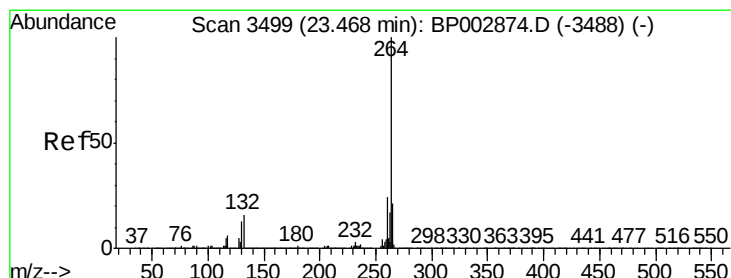
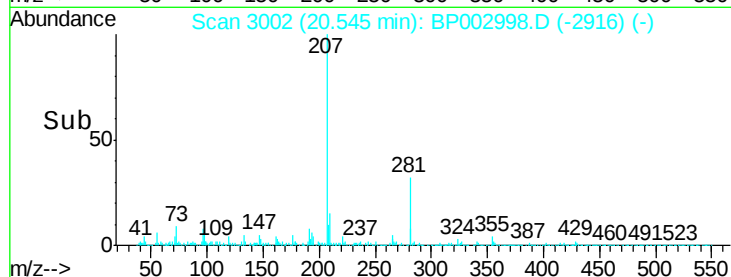
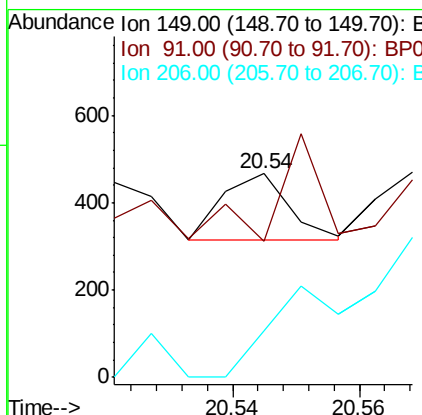
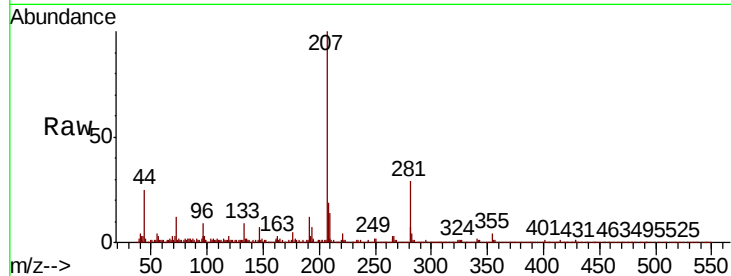




#80
Butylbenzylphthalate
Concen: 3.060 ng
RT: 20.54 min Scan# 3002
Delta R.T. 0.21 min
Lab File: BP002998.D
Acq: 17 Aug 2020 12:31

Instrument :
BNA_P
ClientSampleId :
PB130950BL

Tot Ion:149 Resp: 108
Ion Ratio Lower Upper
149 100
91 67.0 45.3 67.9
206 22.7 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: BP002998.D
Acq: 17 Aug 2020 12:31

Tgt Ion:264 Resp: 1725342
Ion Ratio Lower Upper
264 100
260 24.2 19.2 28.8
265 22.1 17.3 25.9

