

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP073020\
 Data File : BP002882.D
 Acq On : 30 Jul 2020 18:24
 Operator : CG/JU
 Sample : L3491-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-1-S

Quant Time: Jul 31 00:44:16 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP073020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 30 15:30:34 2020
 Response via : Initial Calibration

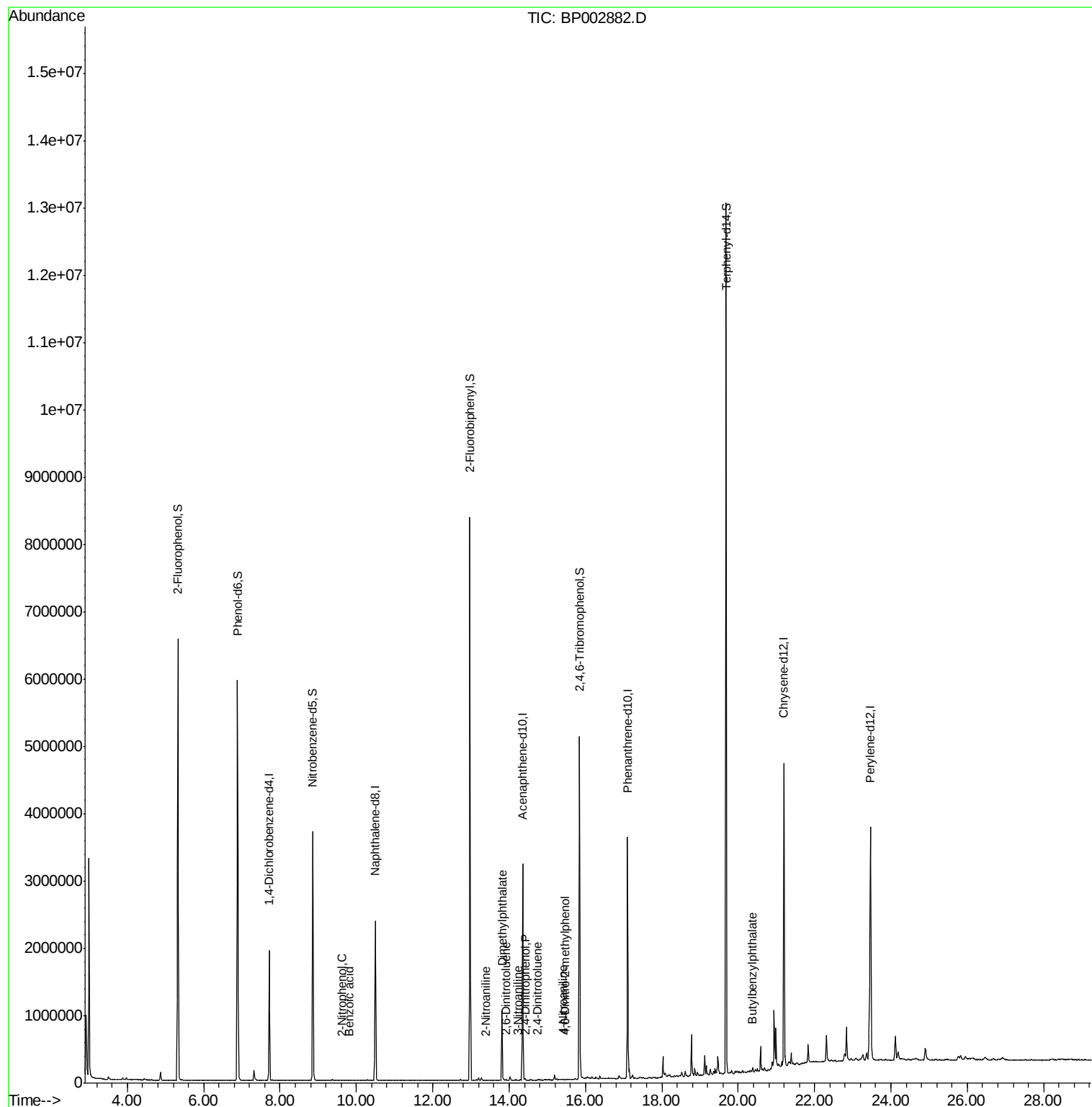
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	530286	20.00	ng	0.00
21) Naphthalene-d8	10.50	136	1971044	20.00	ng	0.00
39) Acenaphthene-d10	14.35	164	1074898	20.00	ng	0.00
64) Phenanthrene-d10	17.10	188	2089823	20.00	ng	0.00
76) Chrysene-d12	21.20	240	2069172	20.00	ng	0.00
86) Perylene-d12	23.46	264	2396763	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	2921622	84.32	ng	0.00
7) Phenol-d6	6.89	99	3679888	76.50	ng	0.00
23) Nitrobenzene-d5	8.86	82	2190692	60.20	ng	0.00
42) 2,4,6-Tribromophenol	15.85	330	1014422	75.93	ng	0.00
45) 2-Fluorobiphenyl	12.97	172	4205355	53.45	ng	0.00
79) Terphenyl-d14	19.68	244	5241116	50.71	ng	0.00
Target Compounds						
26) 2-Nitrophenol	9.62	139	96	4.526	ng	# 1
32) Benzoic acid	9.80	122	137	7.692	ng	# 36
48) 2-Nitroaniline	13.37	65	105	3.977	ng	# 19
50) Dimethylphthalate	13.81	163	652941	7.767	ng	100
51) 2,6-Dinitrotoluene	13.91	165	1785	2.988	ng	# 44
53) 3-Nitroaniline	14.23	138	36	3.275	ng	# 1
54) 2,4-Dinitrophenol	14.44	184	25	8.060	ng	# 1
57) 2,4-Dinitrotoluene	14.73	165	158	3.812	ng	# 68
62) 4-Nitroaniline	15.41	138	235	2.427	ng	# 42
65) 4,6-Dinitro-2-methylphenol	15.47	198	18	6.902	ng	# 1
80) Butylbenzylphthalate	20.37	149	2609	3.099	ng	# 58

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.72 min Scan# 821

Delta R.T. 0.00 min

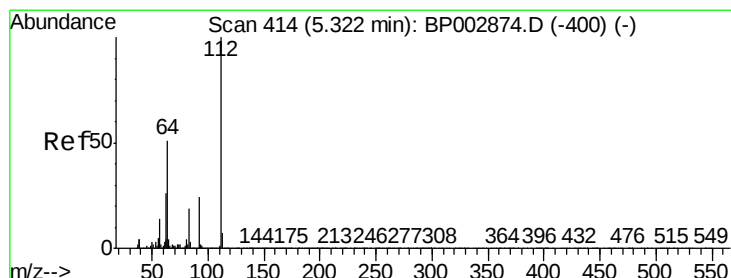
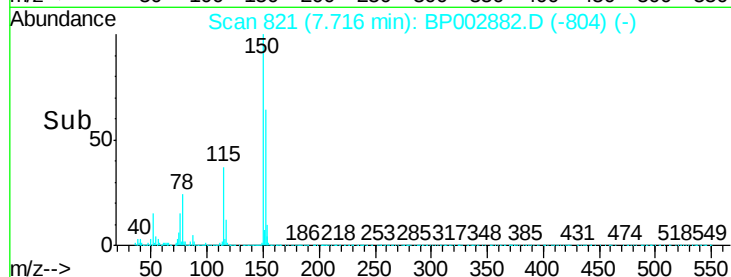
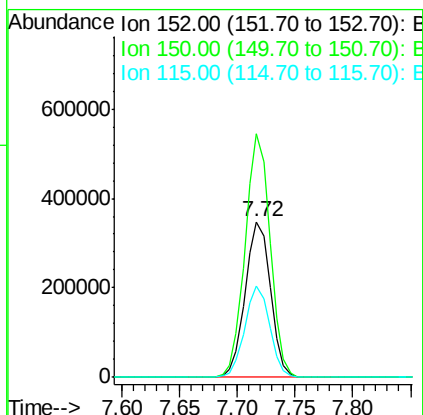
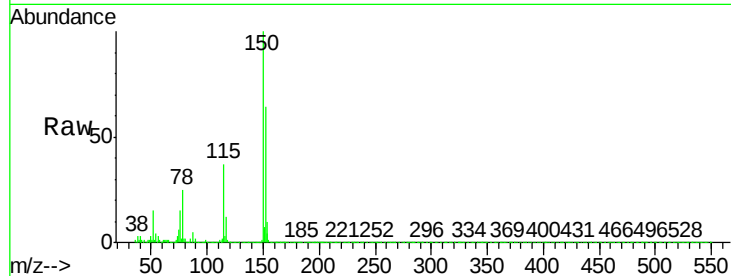
Lab File: BP002882.D

Acq: 30 Jul 2020 18:24

Instrument :
BNA_P
ClientSampleId :
TP-1-S

Tot Ion:152 Resp: 530286

Ion	Ratio	Lower	Upper
152	100		
150	156.2	124.8	187.2
115	58.3	47.4	71.2



#5

2-Fluorophenol

Concen: 84.323 ng

RT: 5.32 min Scan# 414

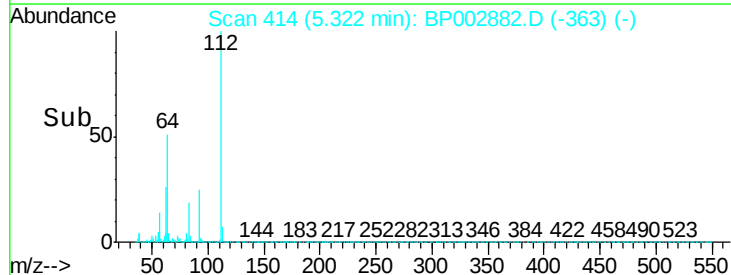
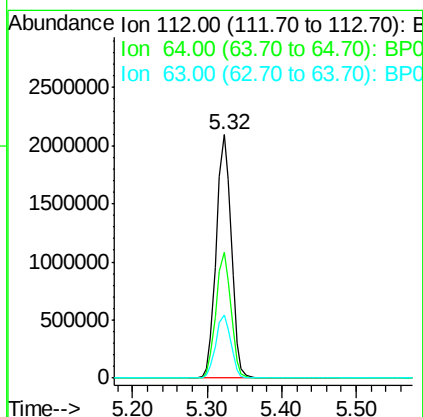
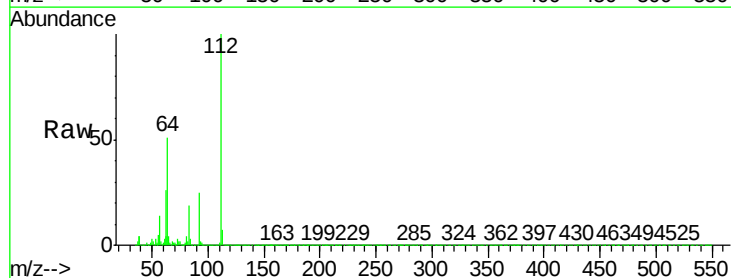
Delta R.T. 0.00 min

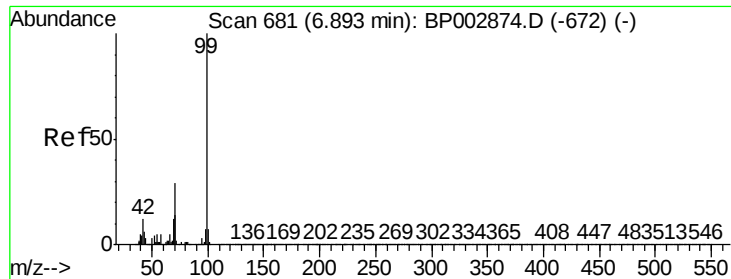
Lab File: BP002882.D

Acq: 30 Jul 2020 18:24

Tgt Ion:112 Resp: 2921622

Ion	Ratio	Lower	Upper
112	100		
64	51.4	41.0	61.6
63	26.1	20.7	31.1





#7

Phenol-d6

Concen: 76.498 ng

RT: 6.89 min Scan# 680

Delta R.T. -0.01 min

Lab File: BP002882.D

Acq: 30 Jul 2020 18:24

Instrument :

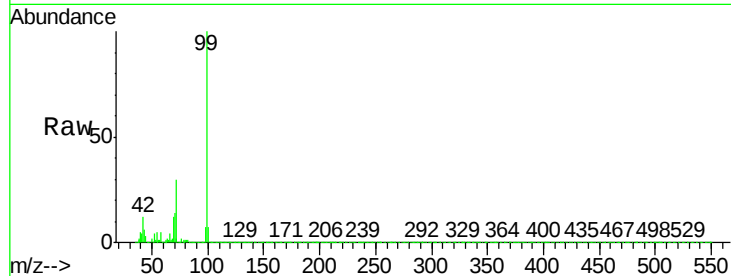
BNA_P

ClientSampleId :

TP-1-S

Tot Ion: 99 Resp: 3679888

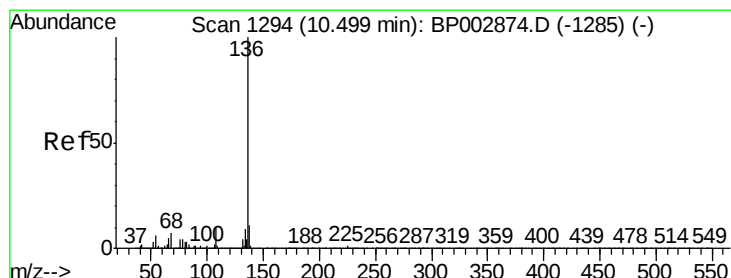
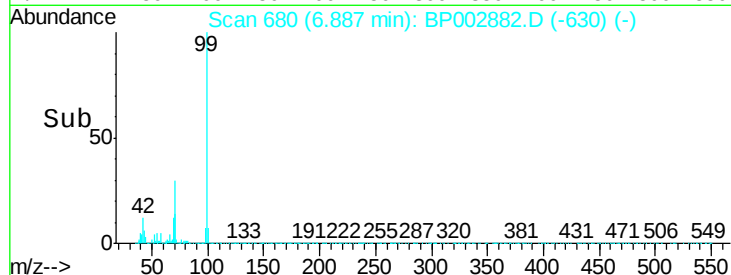
Ion	Ratio	Lower	Upper
99	100		
42	11.9	9.3	13.9
71	30.2	23.5	35.3



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: 10.50 min Scan# 1294

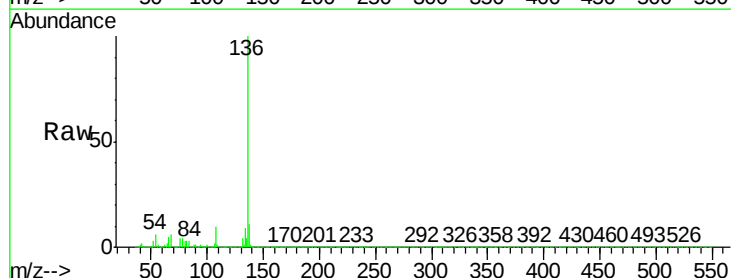
Delta R.T. 0.00 min

Lab File: BP002882.D

Acq: 30 Jul 2020 18:24

Tgt Ion: 136 Resp: 1971044

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.6	13.0
54	6.2	5.1	7.7
68	6.2	5.3	7.9

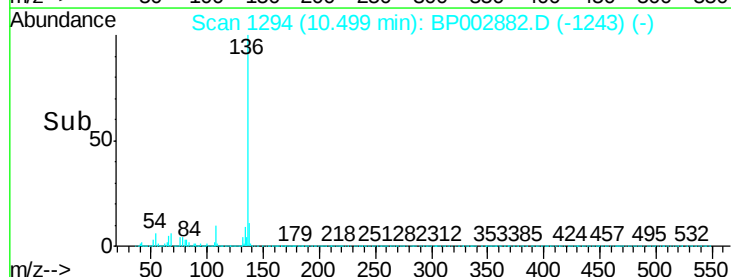


Abundance Ion 136.00 (135.70 to 136.70): E

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

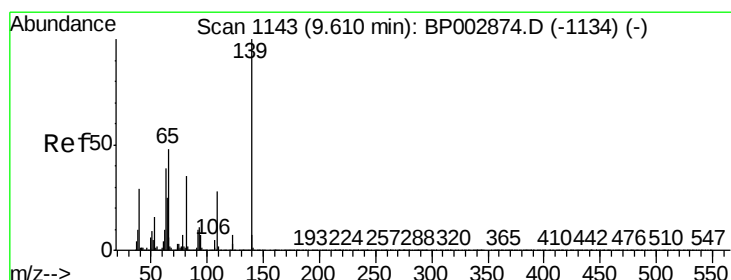
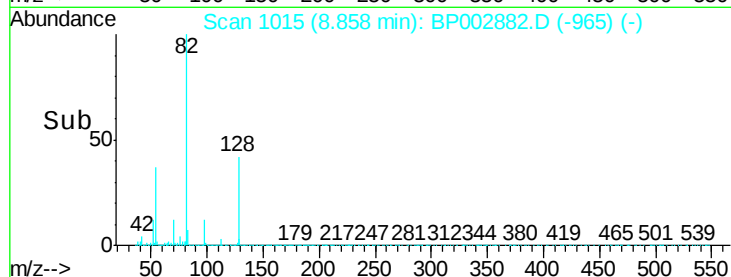
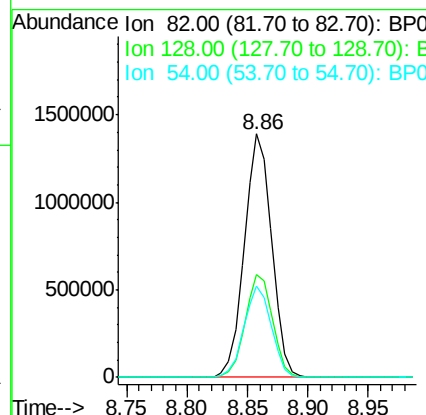
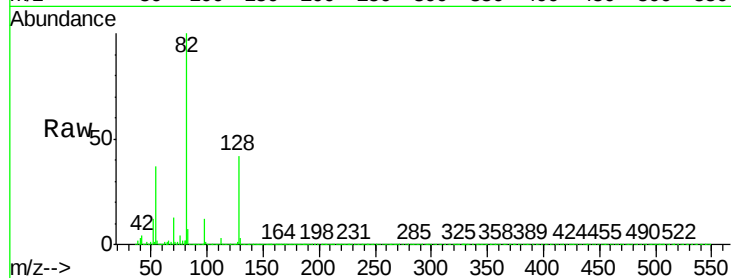




#23
Nitrobenzene-d5
Concen: 60.198 ng
RT: 8.86 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BP002882.D
Acq: 30 Jul 2020 18:24

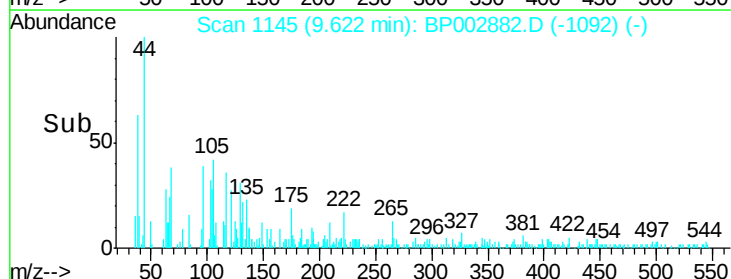
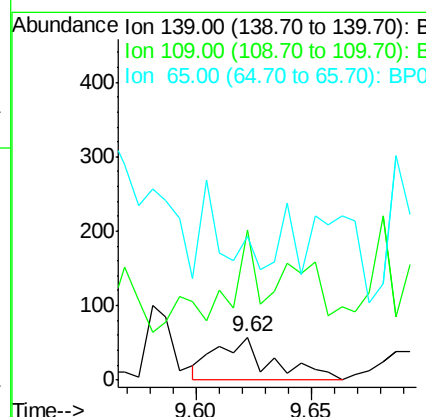
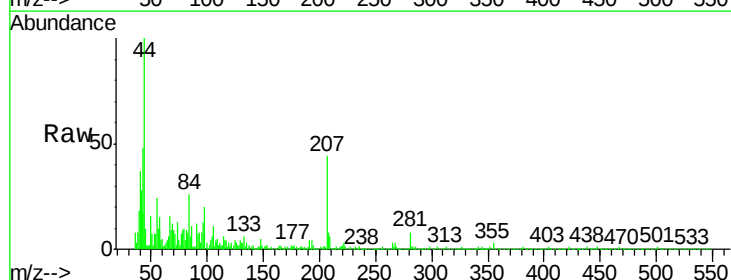
Instrument :
BNA_P
ClientSampleId :
TP-1-S

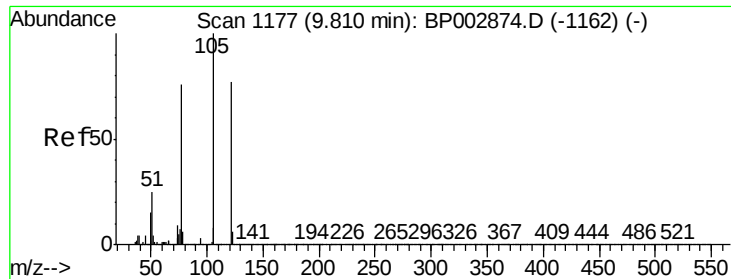
Tot Ion: 82 Resp: 2190692
Ion Ratio Lower Upper
82 100
128 42.4 34.6 52.0
54 37.3 29.5 44.3



#26
2-Nitrophenol
Concen: 4.526 ng
RT: 9.62 min Scan# 1145
Delta R.T. 0.01 min
Lab File: BP002882.D
Acq: 30 Jul 2020 18:24

Tgt Ion:139 Resp: 96
Ion Ratio Lower Upper
139 100
109 348.3 22.2 33.2#
65 332.8 38.9 58.3#

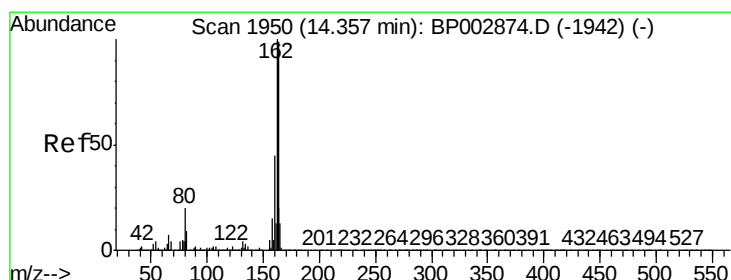
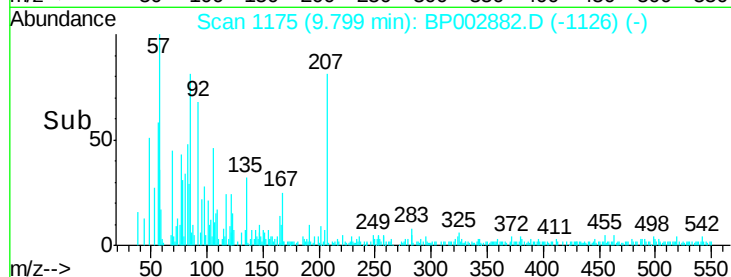
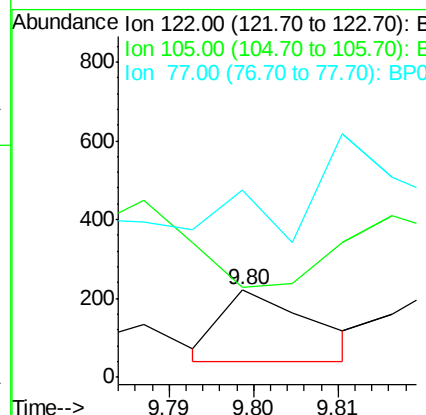
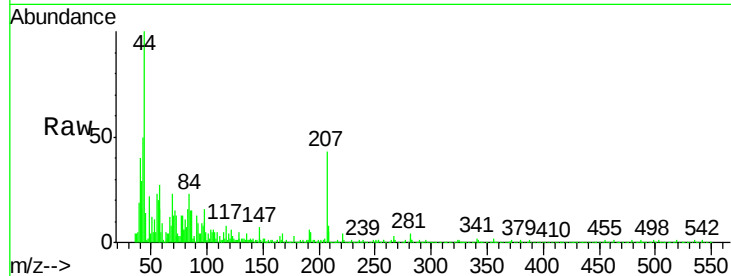




#32
Benzoic acid
Concen: 7.692 ng
RT: 9.80 min Scan# 1175
Delta R.T. -0.01 min
Lab File: BP002882.D
Acq: 30 Jul 2020 18:24

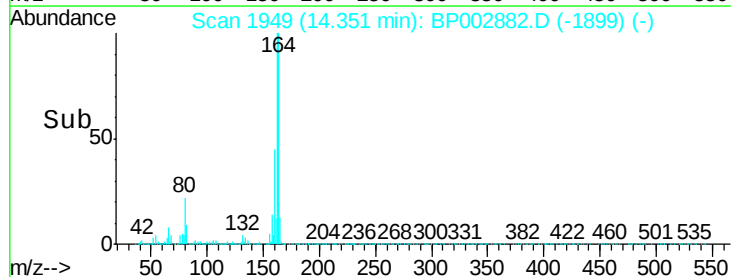
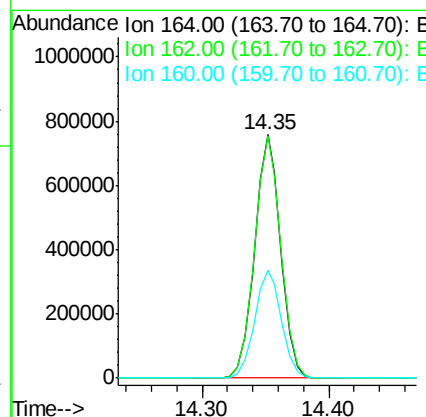
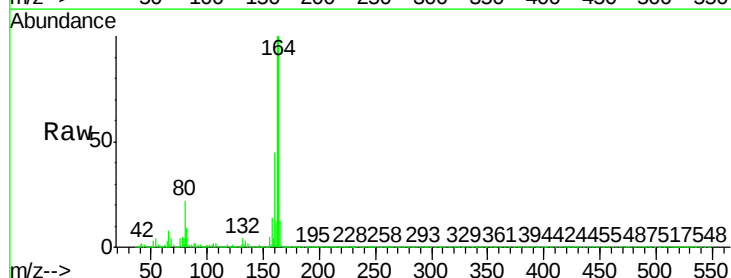
Instrument :
BNA_P
ClientSampleId :
TP-1-S

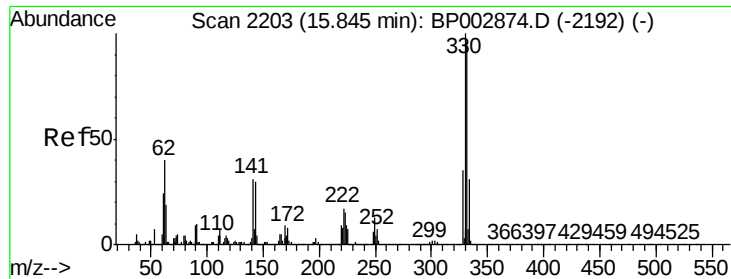
Tot Ion	Ratio	Lower	Upper
122	100		
105	103.2	103.4	143.4#
77	214.4	74.6	114.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.35 min Scan# 1949
Delta R.T. -0.01 min
Lab File: BP002882.D
Acq: 30 Jul 2020 18:24

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.6	81.0	121.6
160	44.6	36.2	54.4

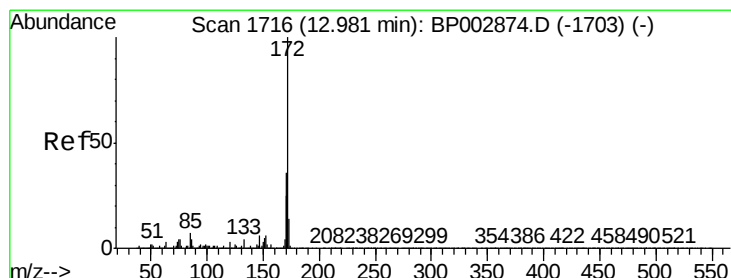
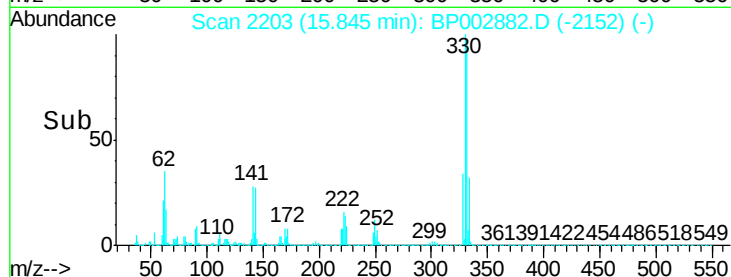
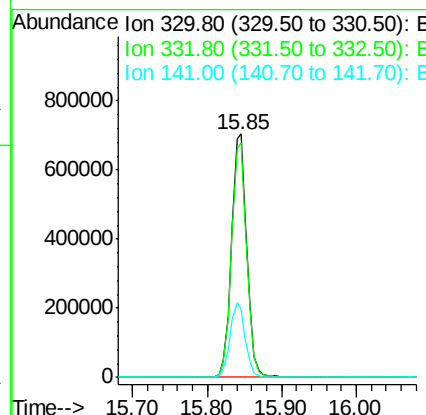
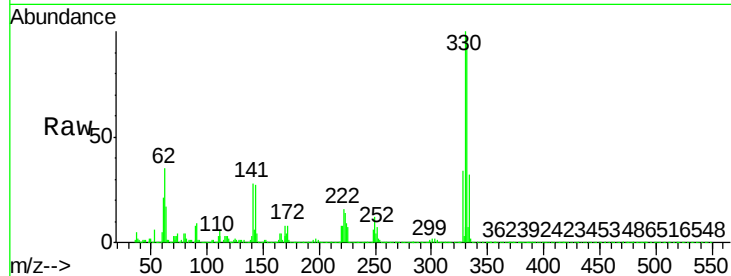




#42
2,4,6-Tribromophenol
Concen: 75.931 ng
RT: 15.85 min Scan# 2203
Delta R.T. 0.00 min
Lab File: BP002882.D
Acq: 30 Jul 2020 18:24

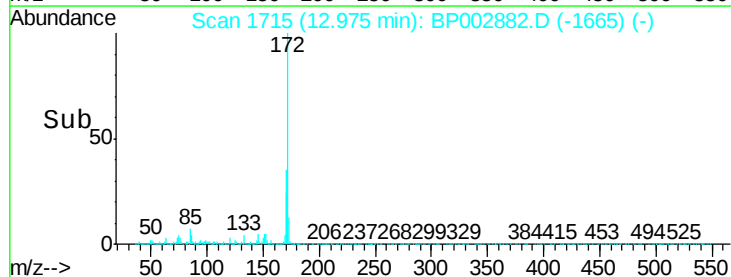
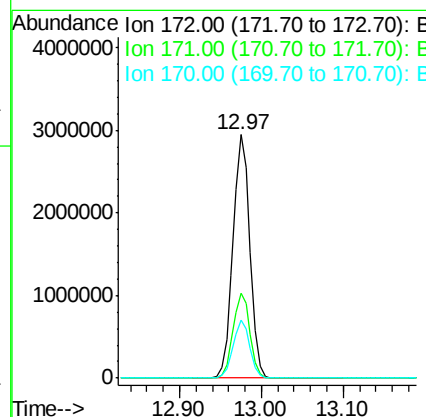
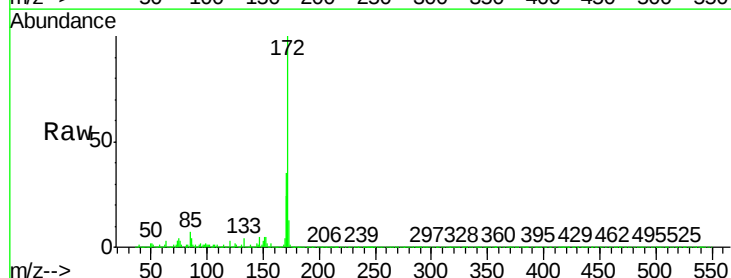
Instrument :
BNA_P
ClientSampled :
TP-1-S

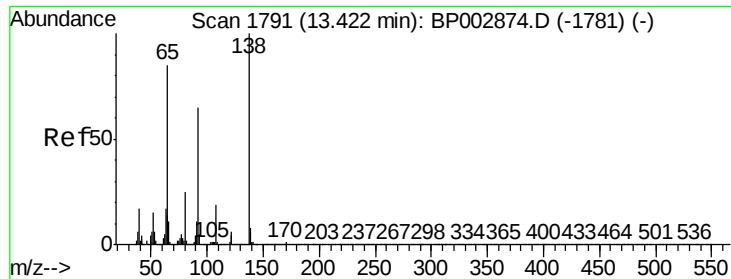
Tot Ion:330 Resp: 1014422
Ion Ratio Lower Upper
330 100
332 96.2 77.1 115.7
141 30.5 24.6 37.0



#45
2-Fluorobiphenyl
Concen: 53.454 ng
RT: 12.97 min Scan# 1715
Delta R.T. -0.01 min
Lab File: BP002882.D
Acq: 30 Jul 2020 18:24

Tgt Ion:172 Resp: 4205355
Ion Ratio Lower Upper
172 100
171 35.1 29.1 43.7
170 23.8 19.6 29.4





#48

2-Nitroaniline

Concen: 3.977 ng

RT: 13.37 min Scan# 1783

Delta R.T. -0.05 min

Lab File: BP002882.D

Acq: 30 Jul 2020 18:24

Instrument :

BNA_P

ClientSampleId :

TP-1-S

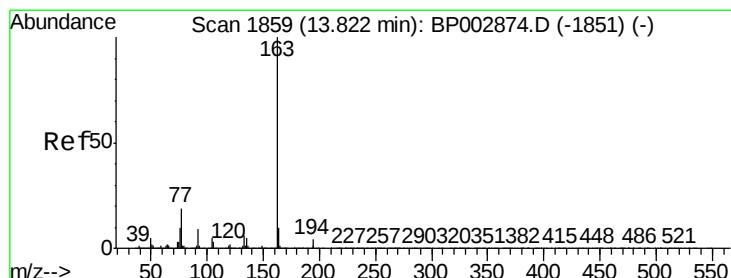
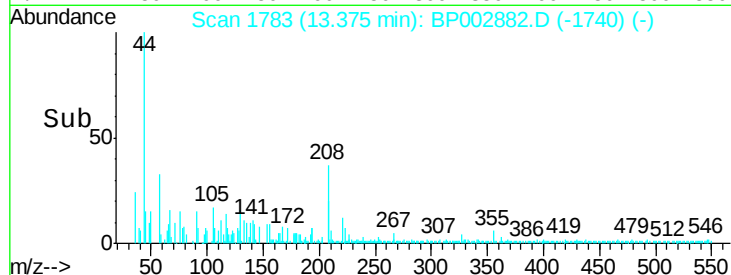
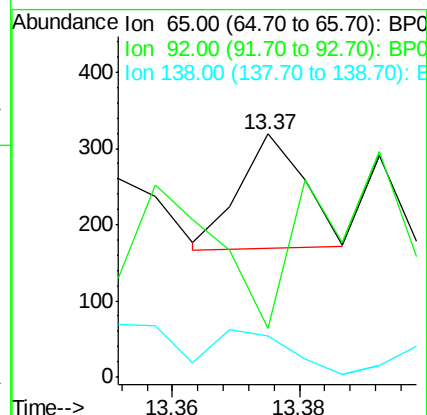
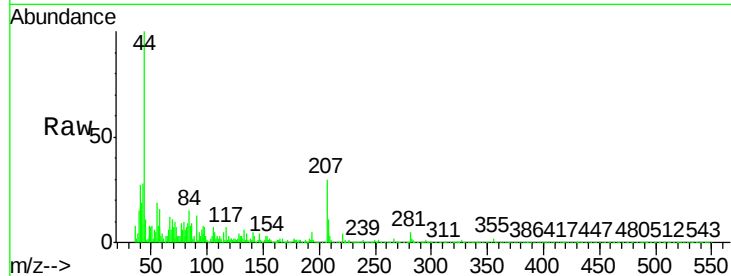
Tot Ion: 65 Resp: 105

Ion Ratio Lower Upper

65 100

92 20.1 61.4 92.0#

138 16.9 94.2 141.4#



#50

Dimethylphthalate

Concen: 7.767 ng

RT: 13.81 min Scan# 1857

Delta R.T. -0.01 min

Lab File: BP002882.D

Acq: 30 Jul 2020 18:24

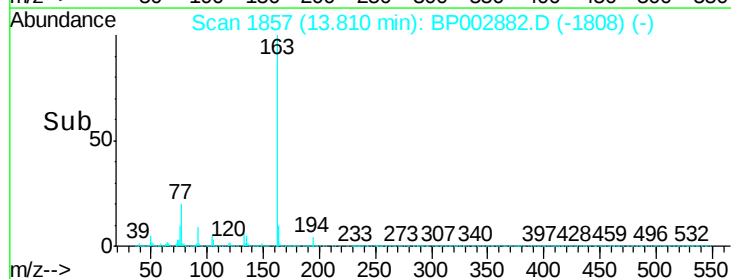
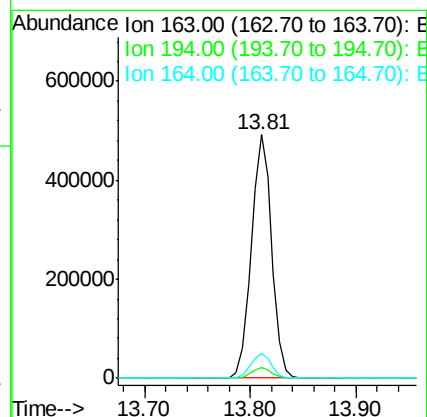
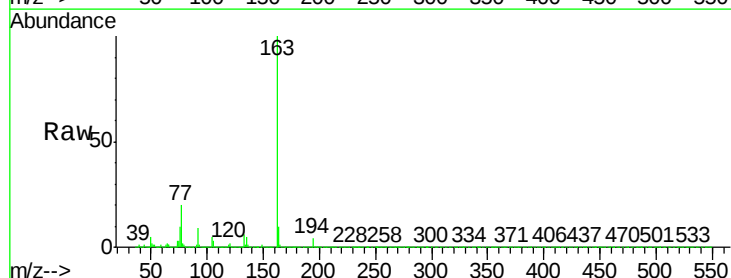
Tgt Ion: 163 Resp: 652941

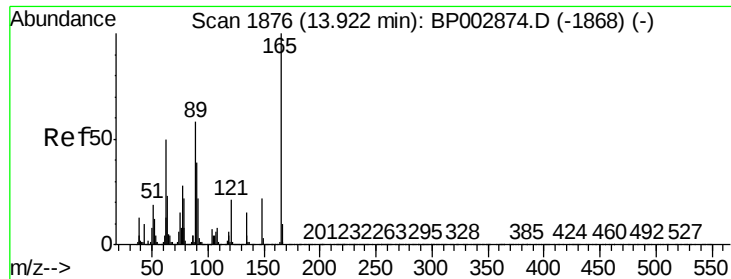
Ion Ratio Lower Upper

163 100

194 4.1 3.5 5.3

164 10.2 8.2 12.2

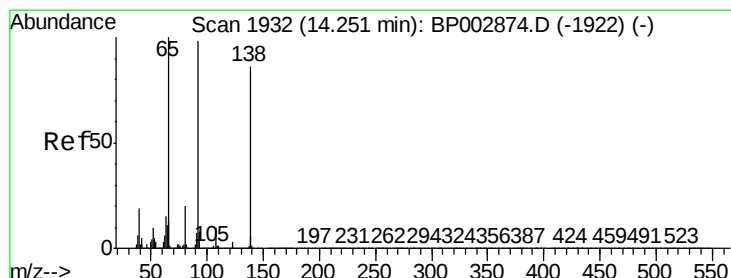
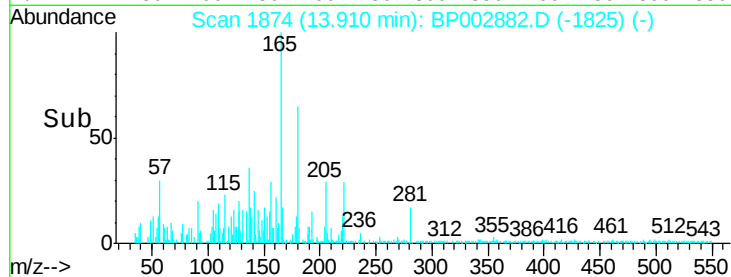
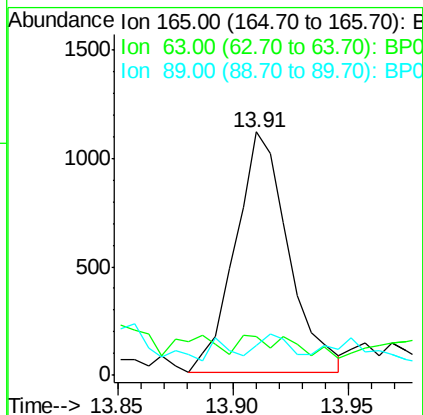
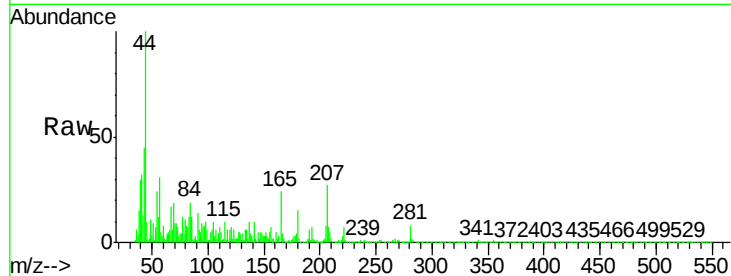




#51
2,6-Dinitrotoluene
Concen: 2.988 ng
RT: 13.91 min Scan# 1874
Delta R.T. -0.01 min
Lab File: BP002882.D
Acq: 30 Jul 2020 18:24

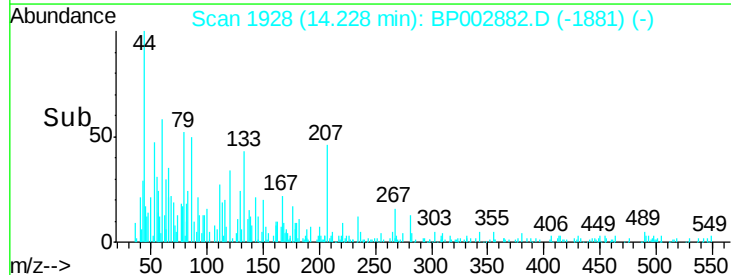
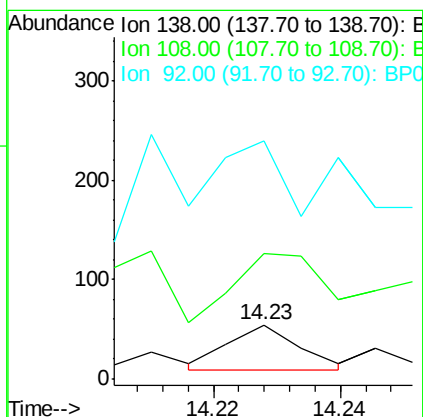
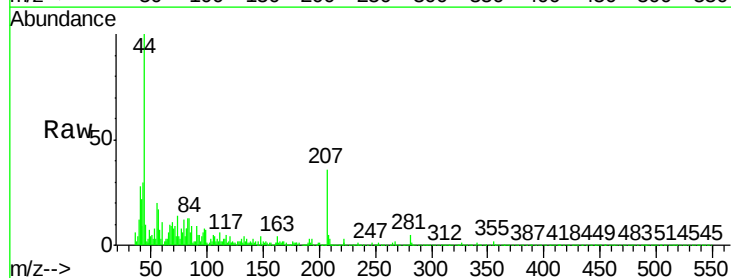
Instrument :
BNA_P
ClientSampleId :
TP-1-S

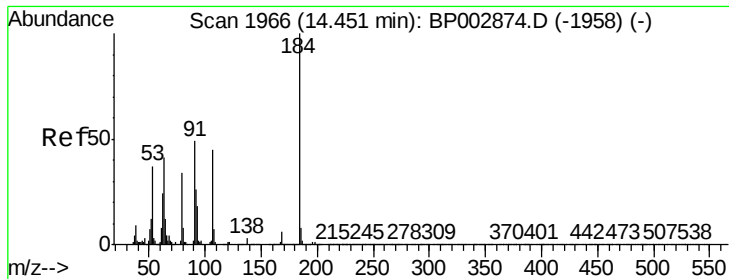
Tot Ion:165 Resp: 1785
Ion Ratio Lower Upper
165 100
63 16.1 40.3 60.5#
89 12.5 46.5 69.7#



#53
3-Nitroaniline
Concen: 3.275 ng
RT: 14.23 min Scan# 1928
Delta R.T. -0.02 min
Lab File: BP002882.D
Acq: 30 Jul 2020 18:24

Tgt Ion:138 Resp: 36
Ion Ratio Lower Upper
138 100
108 233.3 9.4 14.0#
92 444.4 91.0 136.6#

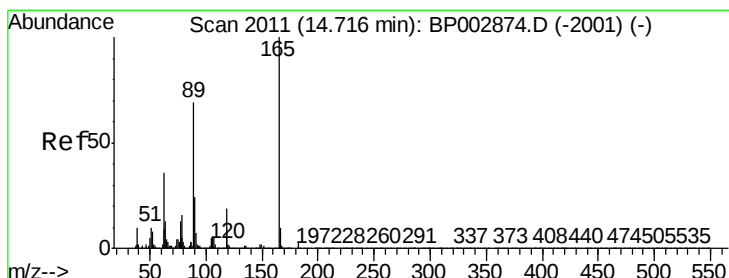
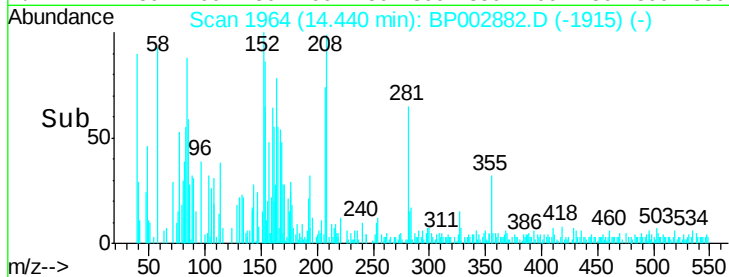
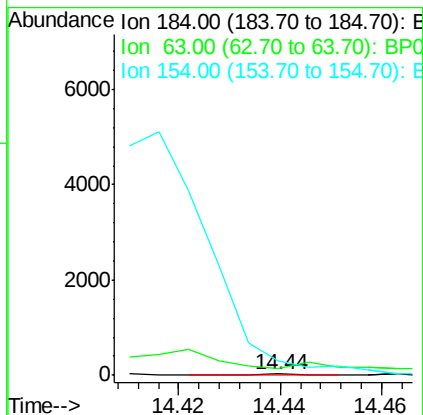
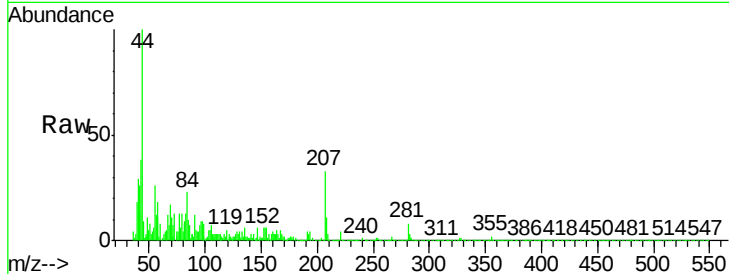




#54
2,4-Dinitrophenol
Concen: 8.060 ng
RT: 14.44 min Scan# 1964
Delta R.T. -0.01 min
Lab File: BP002882.D
Acq: 30 Jul 2020 18:24

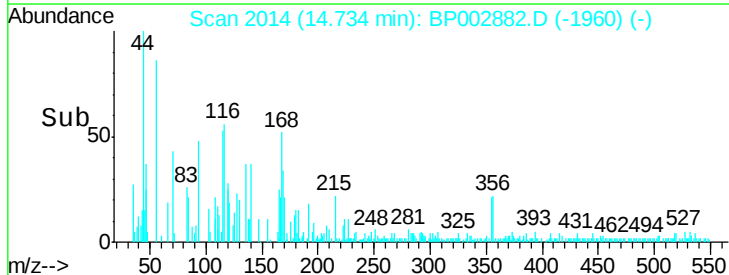
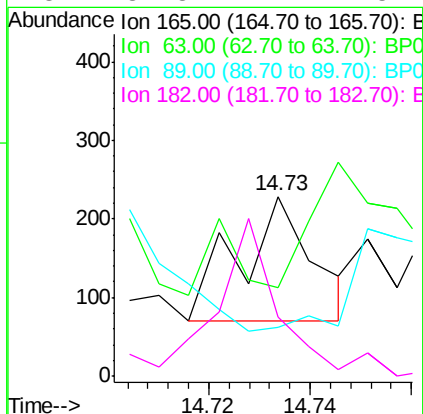
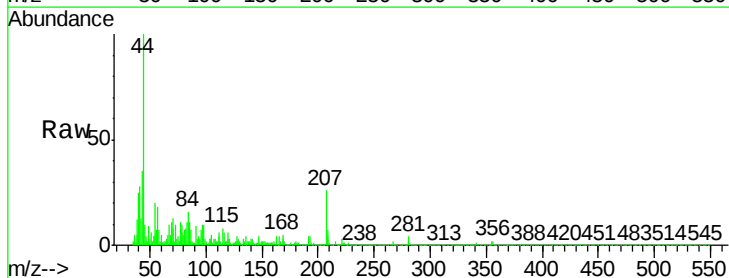
Instrument :
BNA_P
ClientSampleId :
TP-1-S

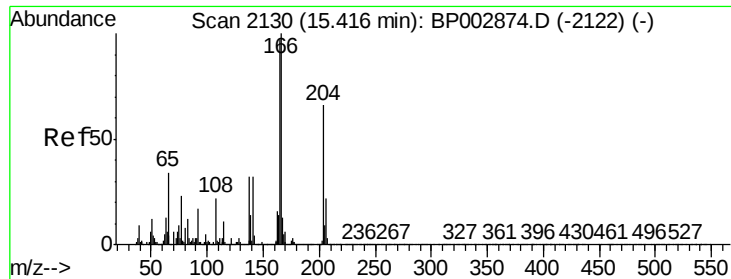
Tot Ion:184 Resp: 25
Ion Ratio Lower Upper
184 100
63 528.0 50.3 75.5#
154 1252.0 50.6 76.0#



#57
2,4-Dinitrotoluene
Concen: 3.812 ng
RT: 14.73 min Scan# 2014
Delta R.T. 0.02 min
Lab File: BP002882.D
Acq: 30 Jul 2020 18:24

Tgt Ion:165 Resp: 158
Ion Ratio Lower Upper
165 100
63 48.9 29.0 43.4#
89 40.6 55.5 83.3#
182 32.8 2.2 3.4#

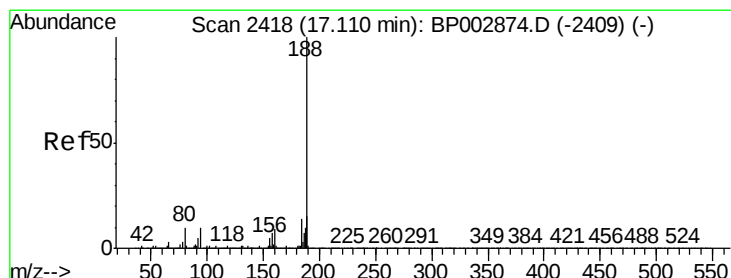
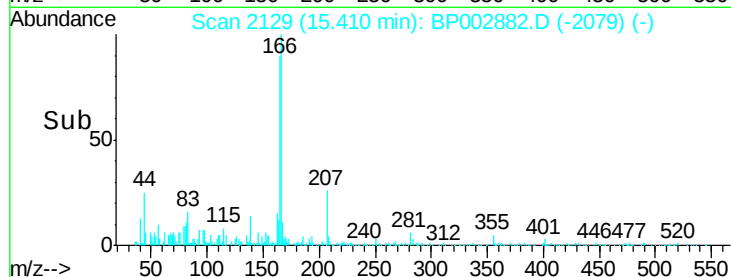
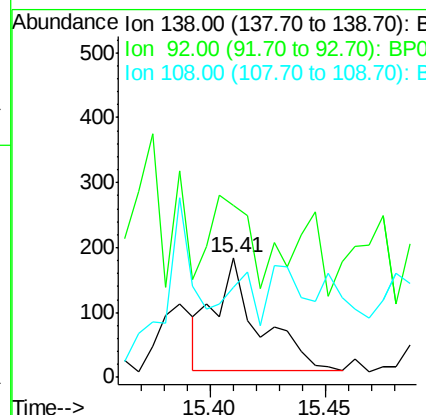
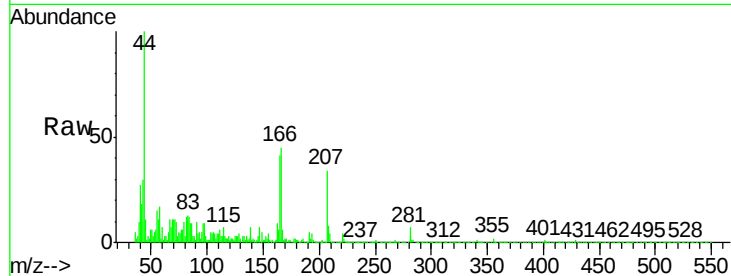




#62
4-Nitroaniline
Concen: 2.427 ng
RT: 15.41 min Scan# 2129
Delta R.T. -0.00 min
Lab File: BP002882.D
Acq: 30 Jul 2020 18:24

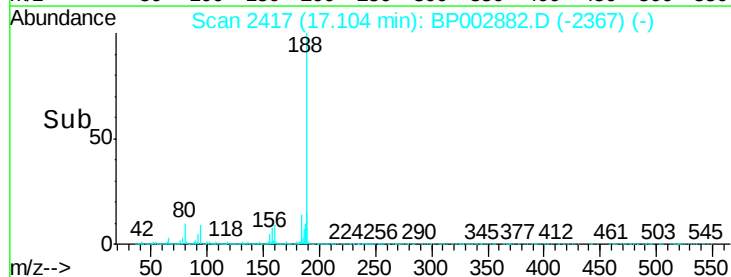
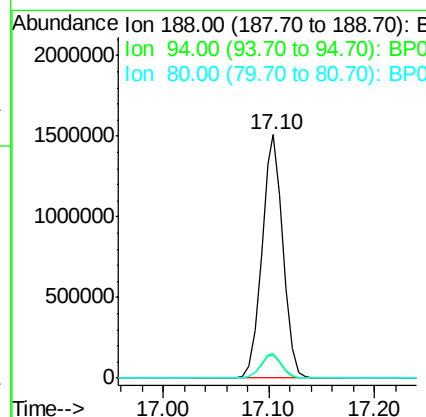
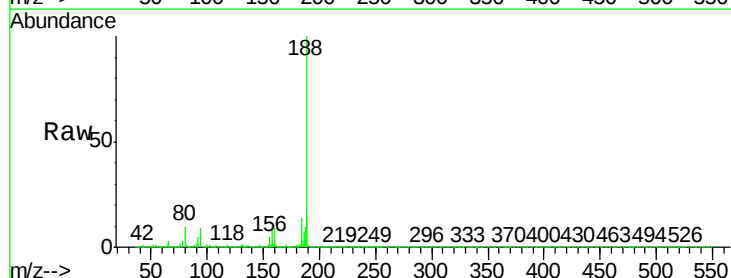
Instrument :
BNA_P
ClientSampleId :
TP-1-S

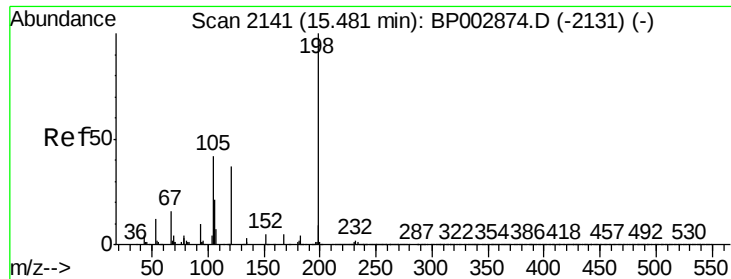
Tot Ion:138 Resp: 235
Ion Ratio Lower Upper
138 100
92 142.7 32.2 72.2#
108 75.1 50.0 90.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.10 min Scan# 2417
Delta R.T. -0.01 min
Lab File: BP002882.D
Acq: 30 Jul 2020 18:24

Tgt Ion:188 Resp: 2089823
Ion Ratio Lower Upper
188 100
94 9.4 7.8 11.6
80 10.0 8.0 12.0

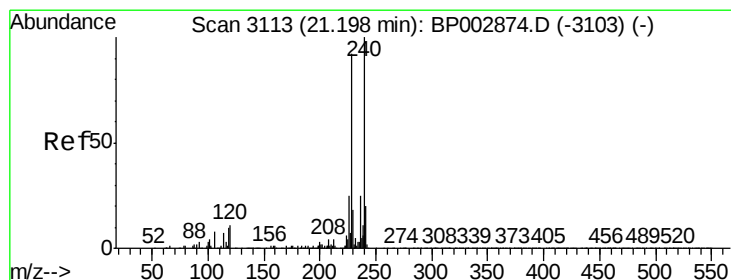
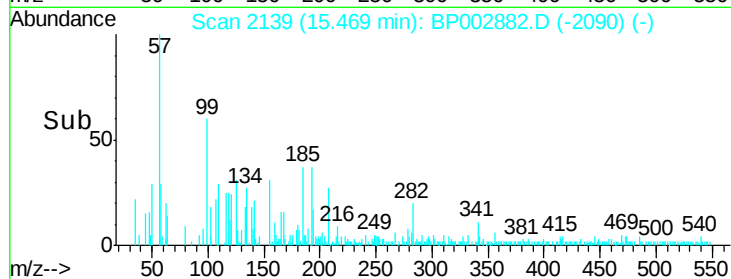
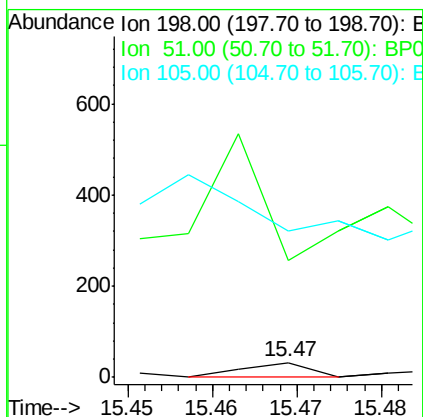
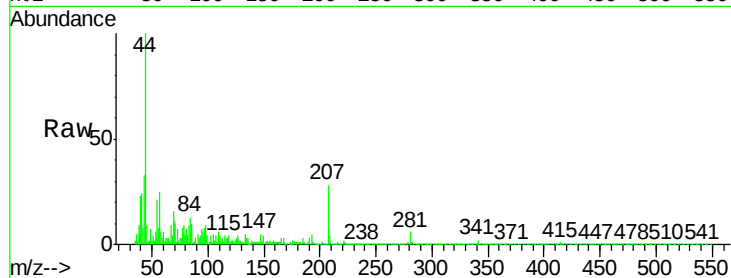




#65
4,6-Dinitro-2-methylphenol
Concen: 6.902 ng
RT: 15.47 min Scan# 2139
Delta R.T. -0.01 min
Lab File: BP002882.D
Acq: 30 Jul 2020 18:24

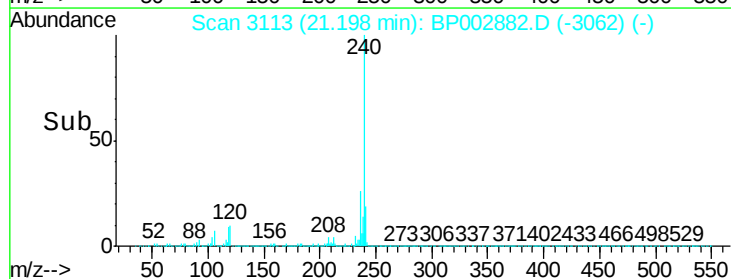
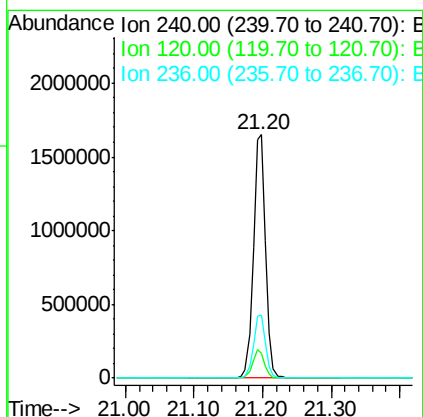
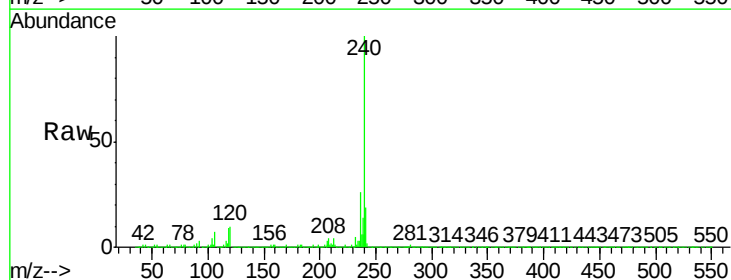
Instrument :
BNA_P
ClientSampleId :
TP-1-S

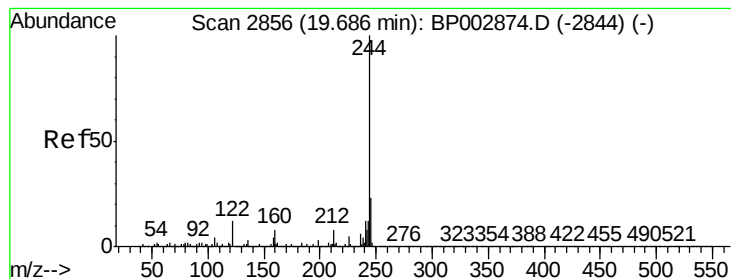
Tot Ion:198 Resp: 18
Ion Ratio Lower Upper
198 100
51 800.0 11.6 51.6#
105 1003.1 23.8 63.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.20 min Scan# 3113
Delta R.T. 0.00 min
Lab File: BP002882.D
Acq: 30 Jul 2020 18:24

Tgt Ion:240 Resp: 2069172
Ion Ratio Lower Upper
240 100
120 10.2 8.9 13.3
236 26.1 20.3 30.5





#79

Terphenyl-d14

Concen: 50.709 ng

RT: 19.68 min Scan# 2856

Delta R.T. -0.01 min

Lab File: BP002882.D

Acq: 30 Jul 2020 18:24

Instrument :

BNA_P

ClientSampled :

TP-1-S

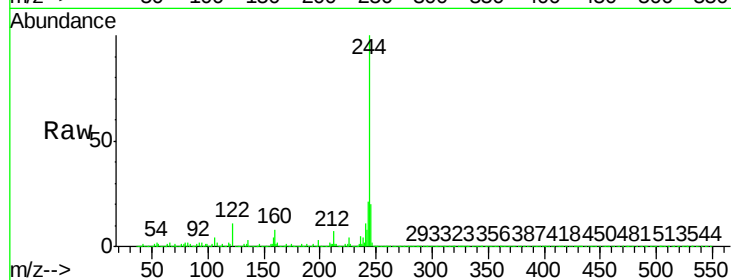
Tot Ion:244 Resp: 5241116

Ion Ratio Lower Upper

244 100

212 7.4 6.4 9.6

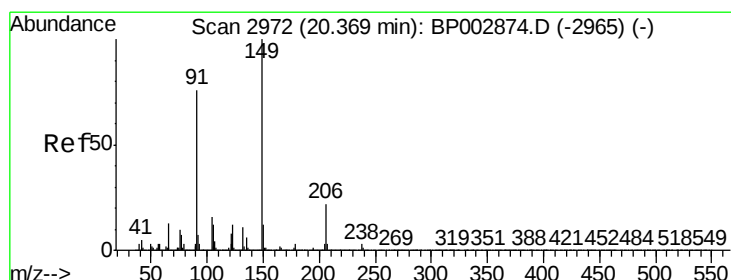
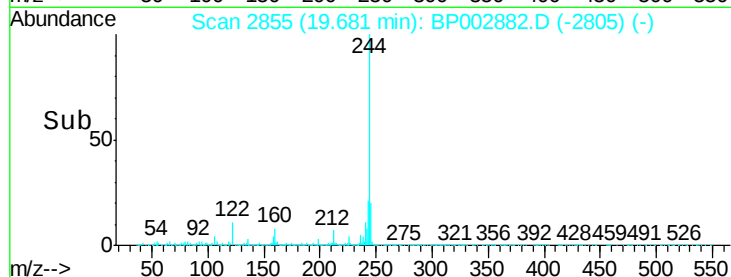
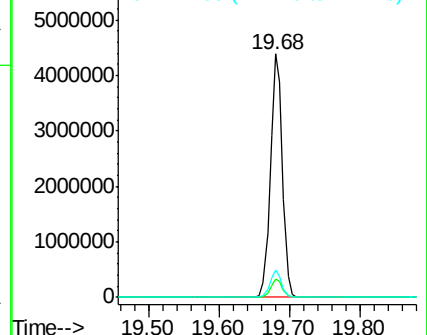
122 11.4 9.4 14.2



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: 3.099 ng

RT: 20.37 min Scan# 2972

Delta R.T. 0.00 min

Lab File: BP002882.D

Acq: 30 Jul 2020 18:24

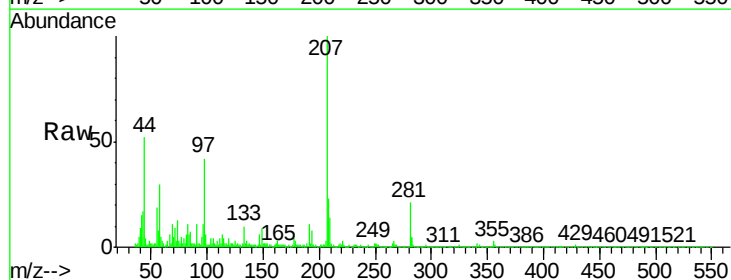
Tgt Ion:149 Resp: 2609

Ion Ratio Lower Upper

149 100

91 114.9 60.5 90.7#

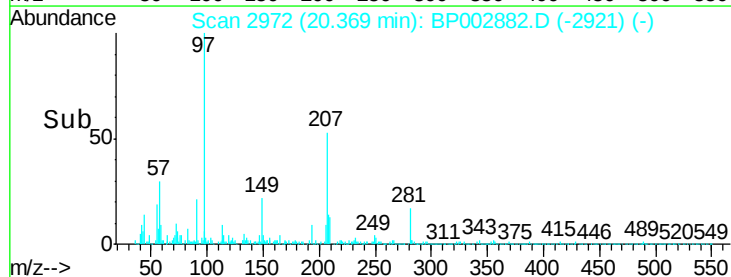
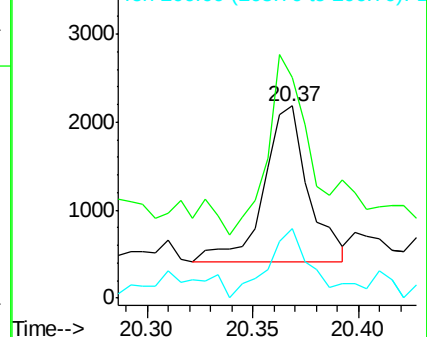
206 36.2 17.5 26.3#

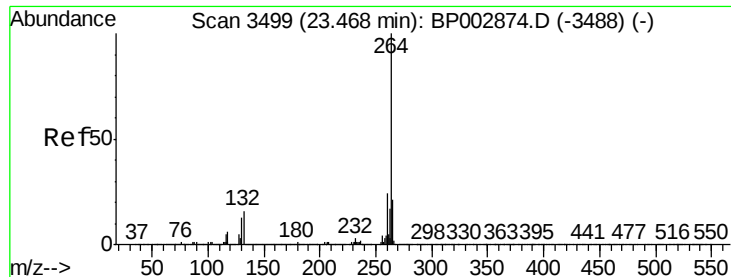


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BP0

Ion 206.00 (205.70 to 206.70): E





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 23.46 min Scan# 3498
 Delta R.T. -0.01 min
 Lab File: BP002882.D
 Acq: 30 Jul 2020 18:24

Instrument :
 BNA_P
 ClientSampleId :
 TP-1-S

Tot Ion:264 Resp: 2396763
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.0 28.6
 265 21.6 17.0 25.4

