

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP073120\
 Data File : BP002896.D
 Acq On : 31 Jul 2020 17:08
 Operator : CG/JU
 Sample : L3518-13
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-6

Quant Time: Jul 31 18:16:49 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	524733	20.00	ng	0.00
21) Naphthalene-d8	10.49	136	2002167	20.00	ng	0.00
39) Acenaphthene-d10	14.35	164	1142904	20.00	ng	0.00
64) Phenanthrene-d10	17.10	188	2237209	20.00	ng	0.00
76) Chrysene-d12	21.19	240	1646143	20.00	ng	0.00
86) Perylene-d12	23.46	264	1785711	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.32	112	3116878	90.91	ng	0.00
7) Phenol-d6	6.89	99	3539556	74.36	ng	0.00
23) Nitrobenzene-d5	8.86	82	3209267	86.82	ng	0.00
42) 2,4,6-Tribromophenol	15.85	330	1539340	108.37	ng	0.00
45) 2-Fluorobiphenyl	12.97	172	6489007	77.57	ng	0.00
79) Terphenyl-d14	19.68	244	7801369	94.88	ng	0.00

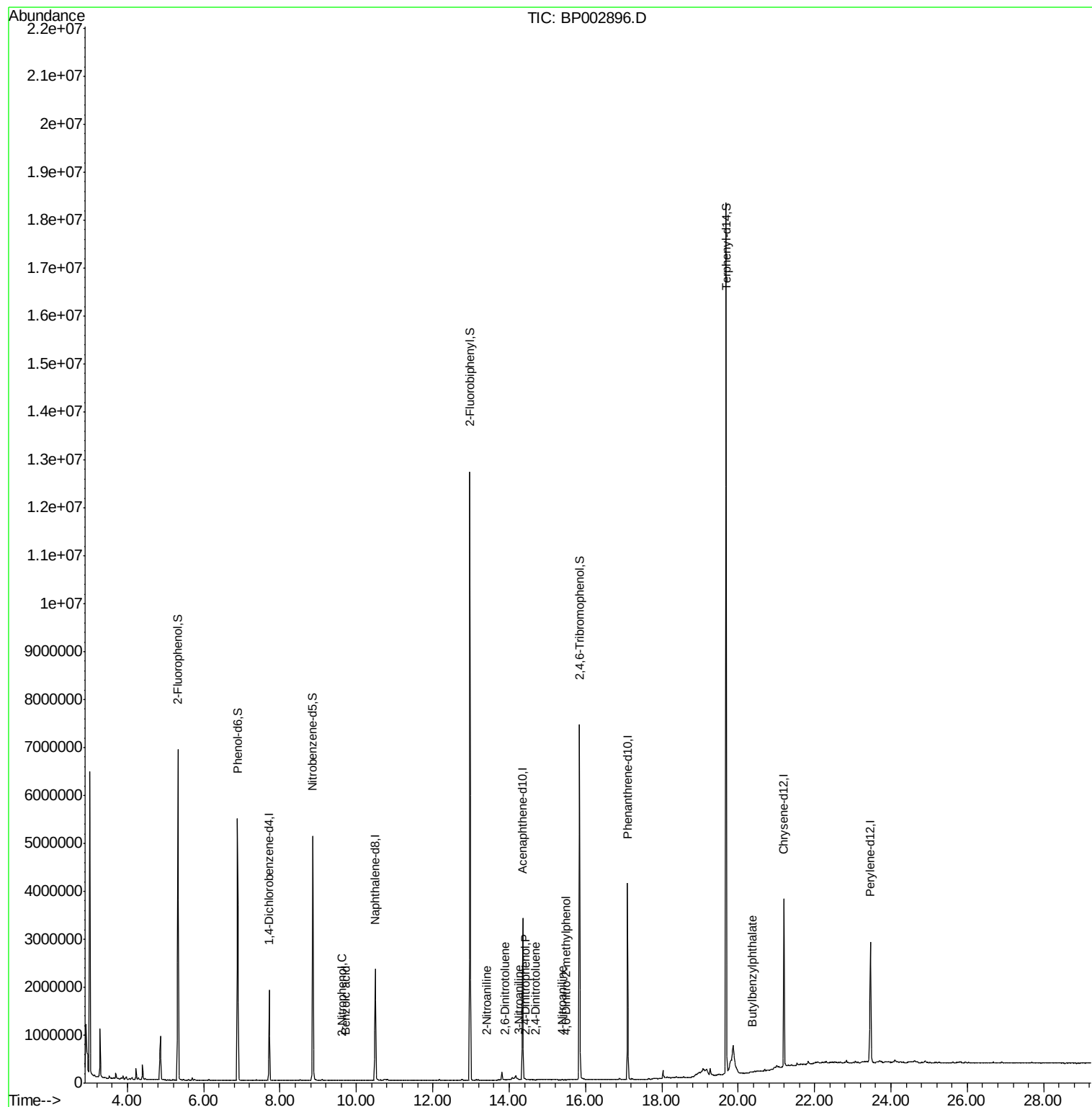
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
26) 2-Nitrophenol	9.62	139	69	4.524	ng	# 1
32) Benzoic acid	9.72	122	4865	7.906	ng	94
48) 2-Nitroaniline	13.40	65	195	3.981	ng	# 52
51) 2,6-Dinitrotoluene	13.89	165	282	2.913	ng	# 71
53) 3-Nitroaniline	14.25	138	352	3.289	ng	# 83
54) 2,4-Dinitrophenol	14.43	184	61	8.064	ng	# 1
57) 2,4-Dinitrotoluene	14.70	165	125	3.810	ng	# 77
62) 4-Nitroaniline	15.40	138	122	2.422	ng	# 10
65) 4,6-Dinitro-2-methylphenol	15.48	198	56	6.904	ng	# 1
80) Butylbenzylphthalate	20.36	149	1744	3.093	ng	# 18

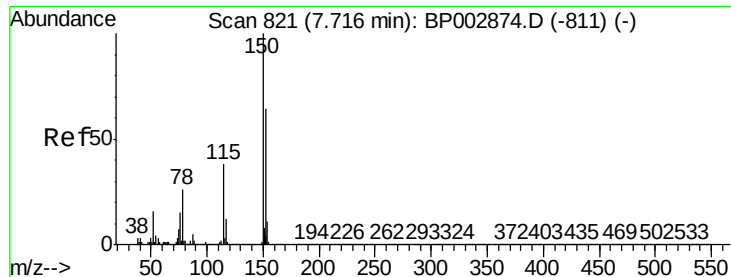
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP073120\
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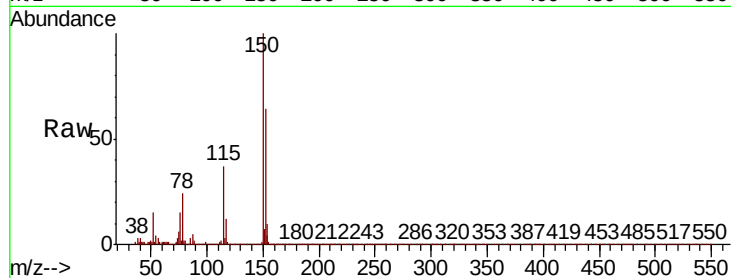


#1

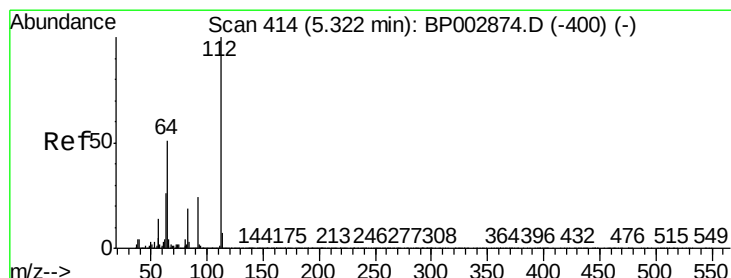
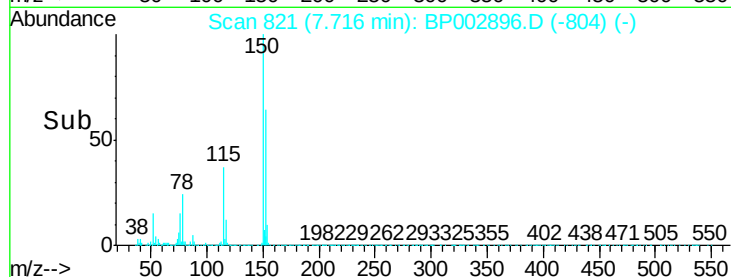
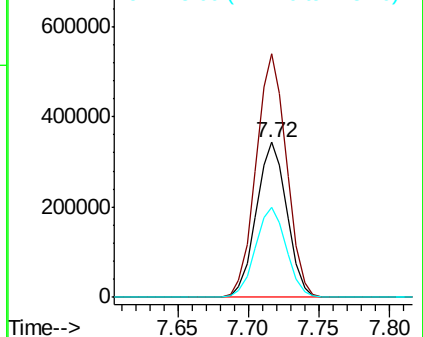
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.72 min Scan# 821
Delta R.T. 0.00 min
Lab File: BP002896.D
Acq: 31 Jul 2020 17:08

Instrument :
BNA_P
ClientSampleId :
TP-6

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.9	124.8	187.2
115	58.3	47.4	71.2



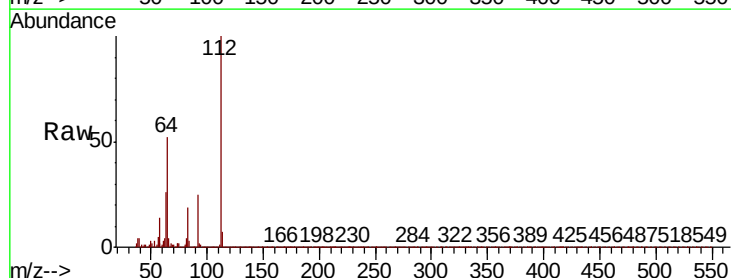
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



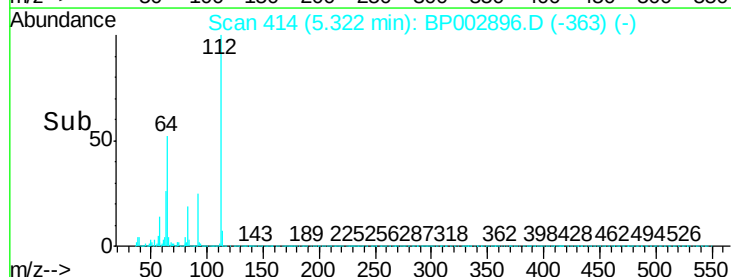
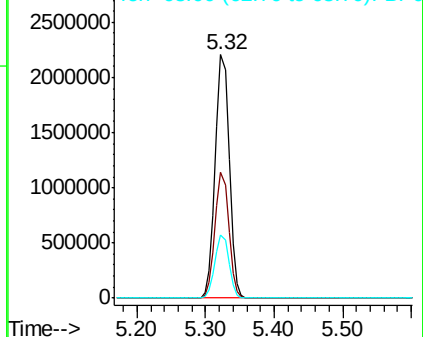
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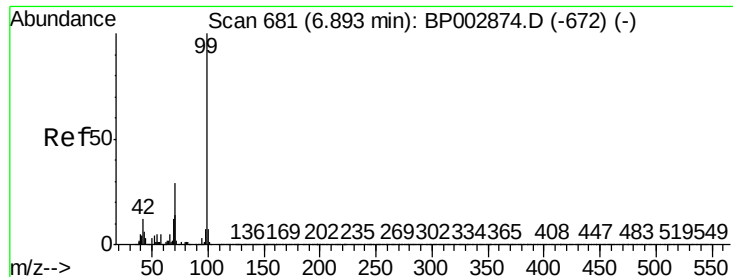
2-Fluorophenol
Concen: 90.910 ng
RT: 5.32 min Scan# 414
Delta R.T. 0.00 min
Lab File: BP002896.D
Acq: 31 Jul 2020 17:08

Tgt Ion	Ratio	Lower	Upper
112	100		
64	51.5	41.0	61.6
63	25.8	20.7	31.1



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: 74.360 ng

RT: 6.89 min Scan# 680

Delta R.T. -0.01 min

Lab File: BP002896.D

Acq: 31 Jul 2020 17:08

Instrument :

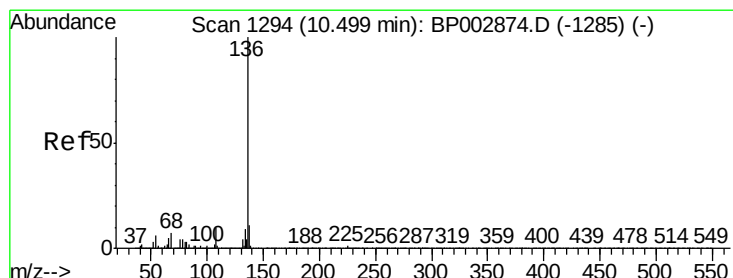
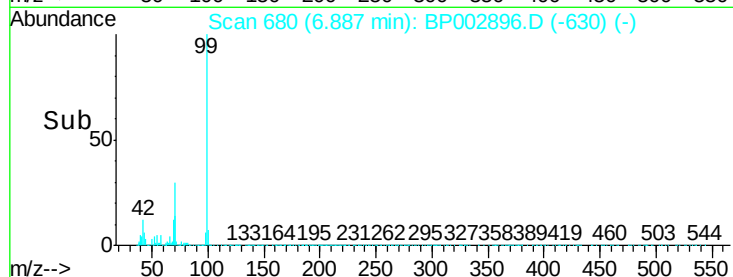
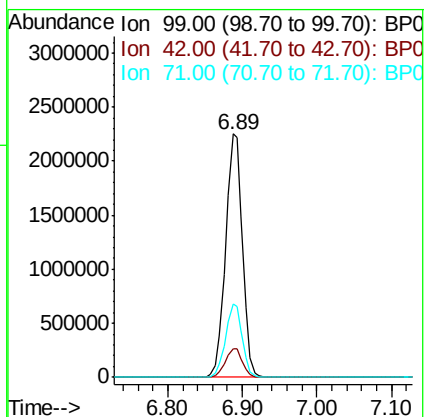
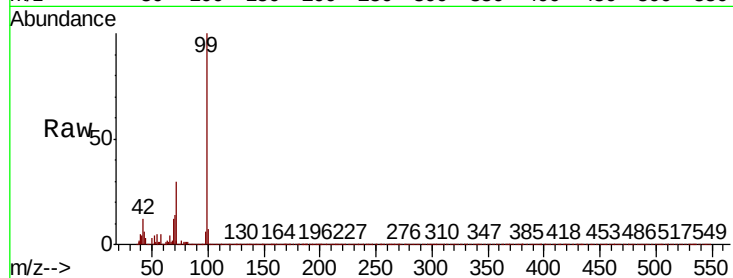
BNA_P

ClientSampleId :

TP-6

Tot Ion: 99 Resp: 3539556

Ion	Ratio	Lower	Upper
99	100		
42	11.8	9.3	13.9
71	30.1	23.5	35.3



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.49 min Scan# 1293

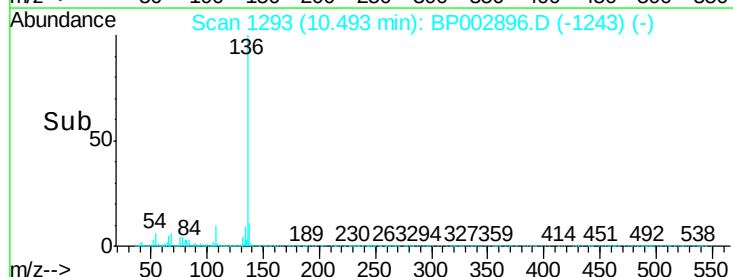
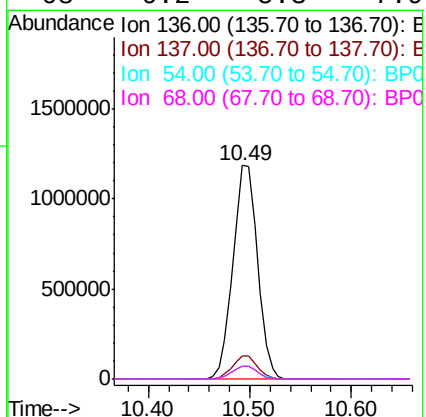
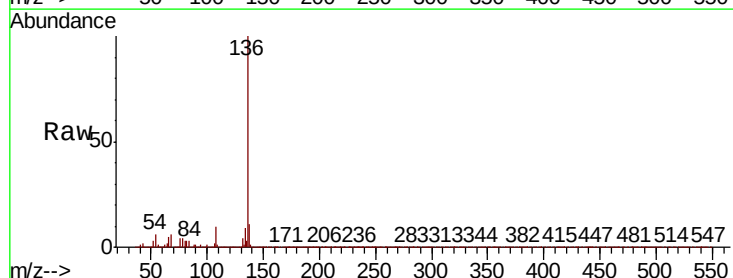
Delta R.T. -0.01 min

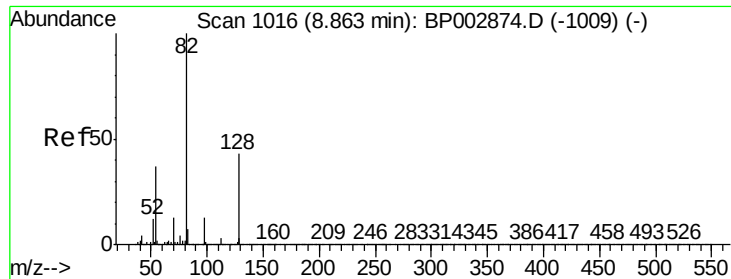
Lab File: BP002896.D

Acq: 31 Jul 2020 17:08

Tgt Ion: 136 Resp: 2002167

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	6.1	5.1	7.7
68	6.2	5.3	7.9

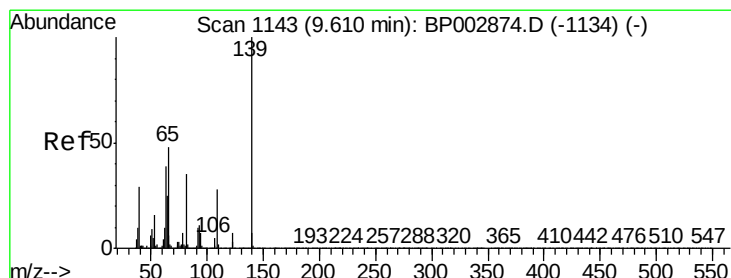
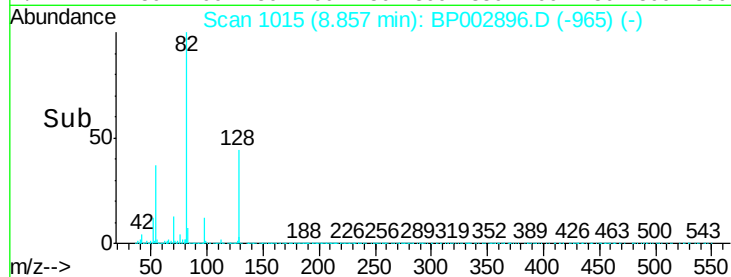
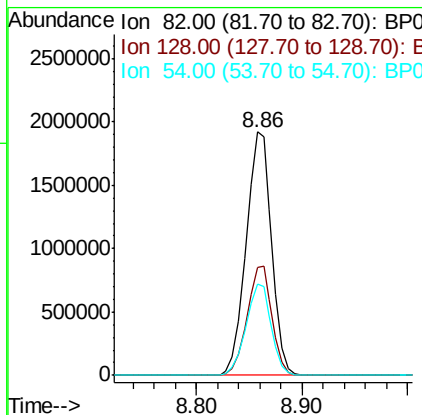
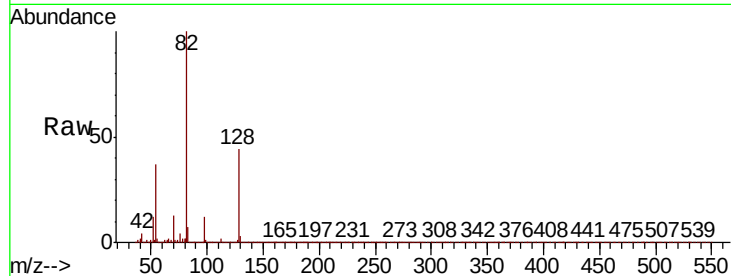




#23
 Nitrobenzene-d5
 Concen: 86.817 ng
 RT: 8.86 min Scan# 1015
 Delta R.T. -0.01 min
 Lab File: BP002896.D
 Acq: 31 Jul 2020 17:08

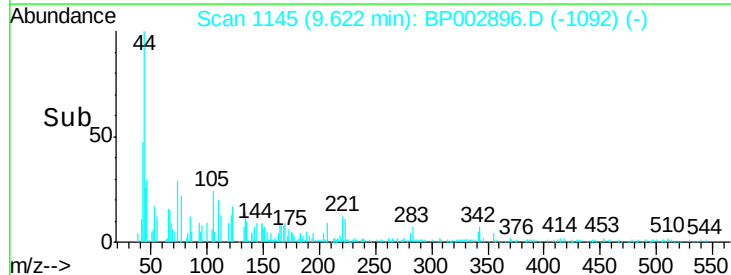
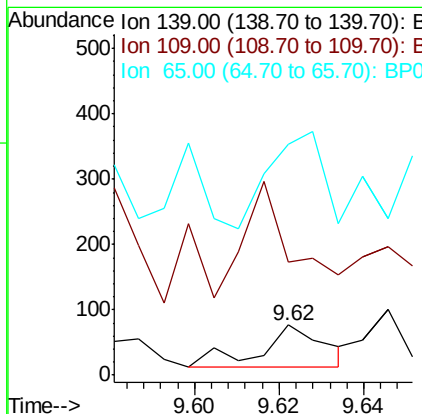
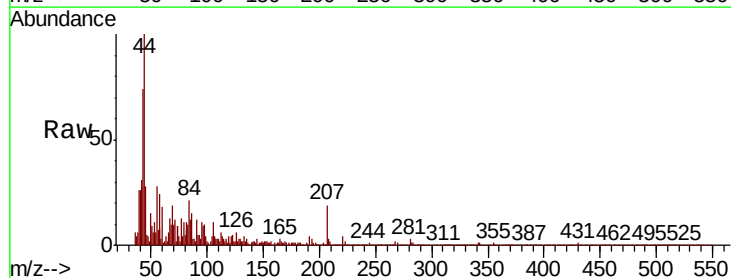
Instrument :
 BNA_P
 ClientSampled :
 TP-6

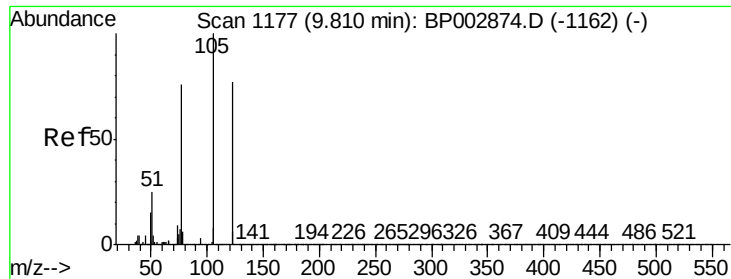
Tot Ion: 82 Resp: 3209267
 Ion Ratio Lower Upper
 82 100
 128 44.2 34.6 52.0
 54 37.3 29.5 44.3



#26
 2-Nitrophenol
 Concen: 4.524 ng
 RT: 9.62 min Scan# 1145
 Delta R.T. 0.01 min
 Lab File: BP002896.D
 Acq: 31 Jul 2020 17:08

Tgt Ion: 139 Resp: 69
 Ion Ratio Lower Upper
 139 100
 109 226.0 22.2 33.2#
 65 458.4 38.9 58.3#

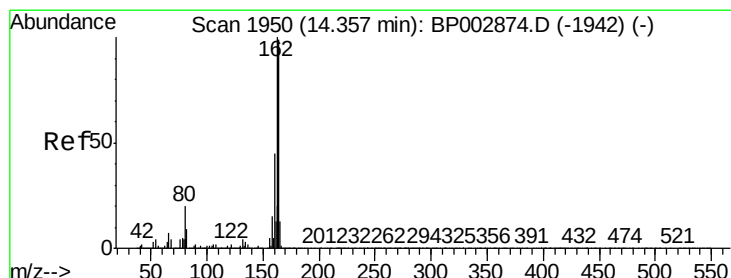
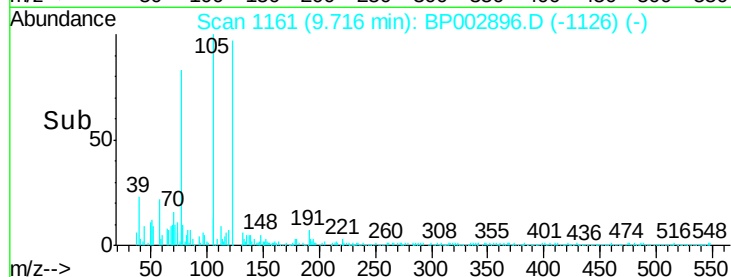
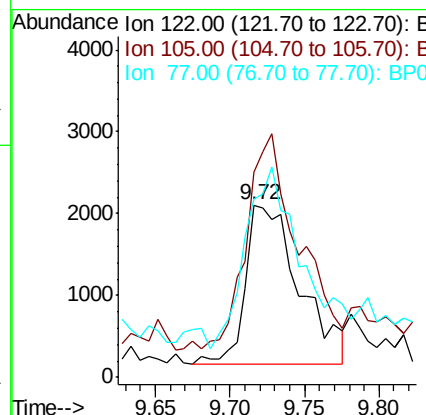
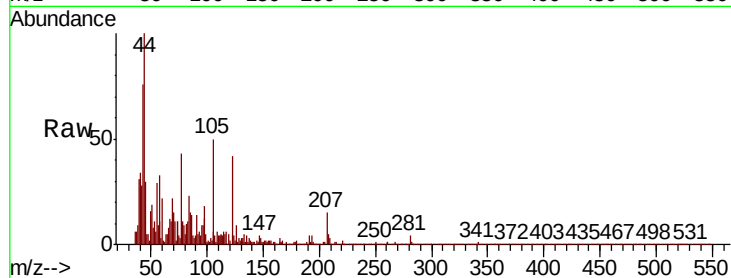




#32
Benzoic acid
Concen: 7.906 ng
RT: 9.72 min Scan# 1161
Delta R.T. -0.09 min
Lab File: BP002896.D
Acq: 31 Jul 2020 17:08

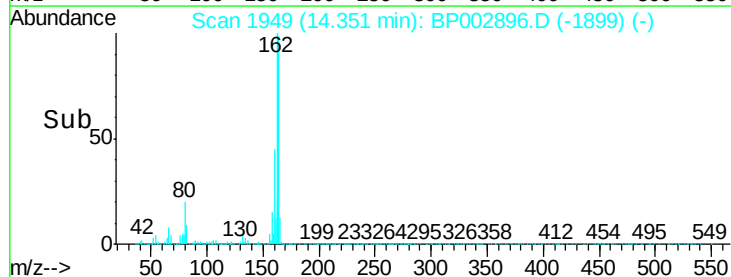
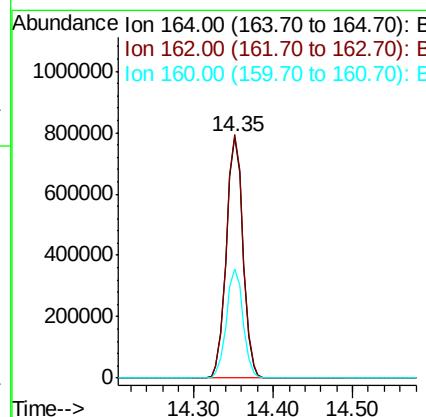
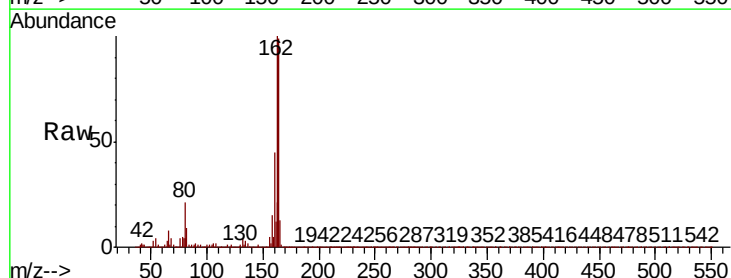
Instrument :
BNA_P
ClientSampleId :
TP-6

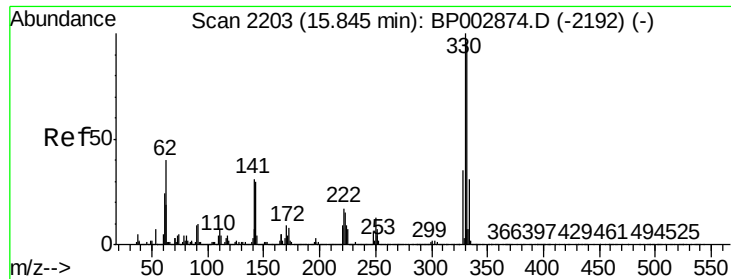
Tot Ion:122 Resp: 4865
Ion Ratio Lower Upper
122 100
105 119.5 103.4 143.4
77 103.8 74.6 114.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.35 min Scan# 1949
Delta R.T. -0.01 min
Lab File: BP002896.D
Acq: 31 Jul 2020 17:08

Tgt Ion:164 Resp: 1142904
Ion Ratio Lower Upper
164 100
162 100.8 81.0 121.6
160 45.4 36.2 54.4

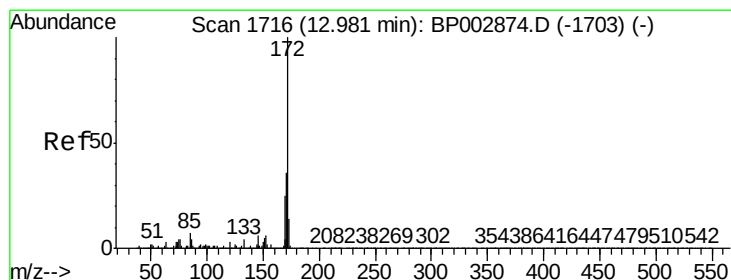
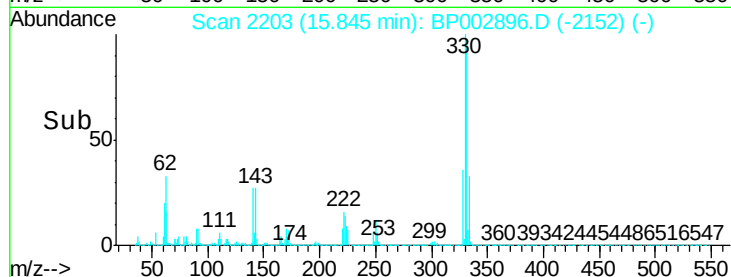
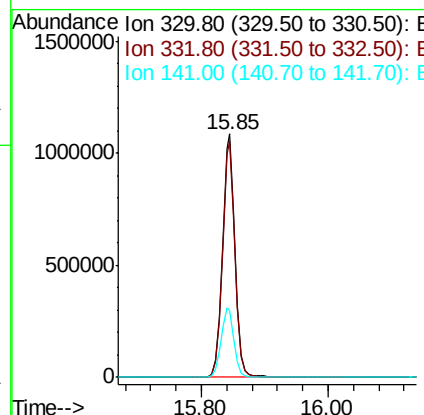
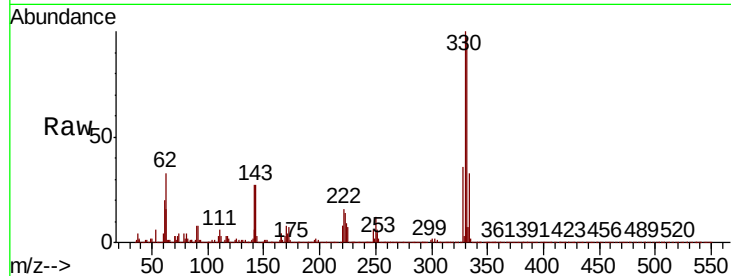




#42
 2,4,6-Tribromophenol
 Concen: 108.366 ng
 RT: 15.85 min Scan# 2203
 Delta R.T. 0.00 min
 Lab File: BP002896.D
 Acq: 31 Jul 2020 17:08

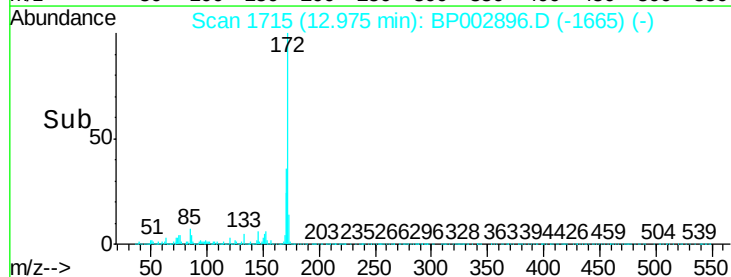
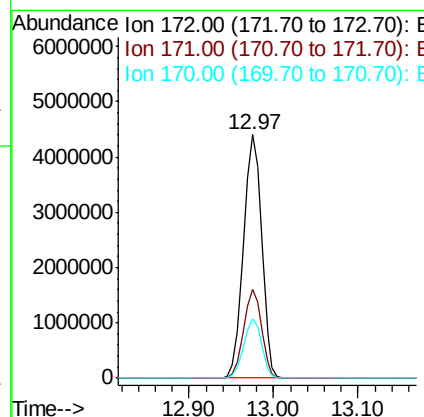
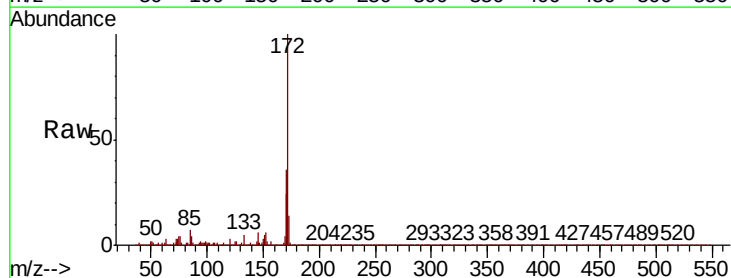
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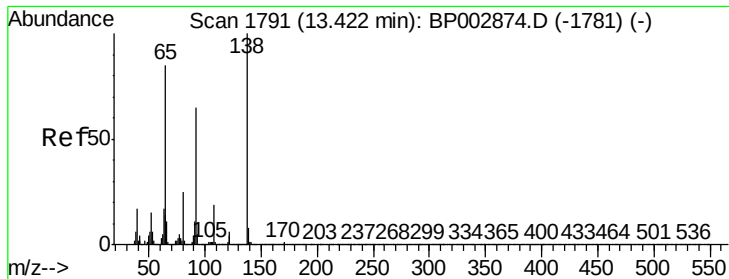
Tot Ion:330 Resp: 1539340
 Ion Ratio Lower Upper
 330 100
 332 97.0 77.1 115.7
 141 29.5 24.6 37.0



#45
 2-Fluorobiphenyl
 Concen: 77.574 ng
 RT: 12.97 min Scan# 1715
 Delta R.T. -0.01 min
 Lab File: BP002896.D
 Acq: 31 Jul 2020 17:08

Tgt Ion:172 Resp: 6489007
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.1 43.7
 170 24.5 19.6 29.4

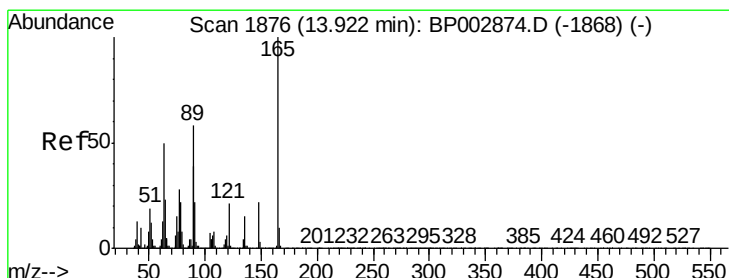
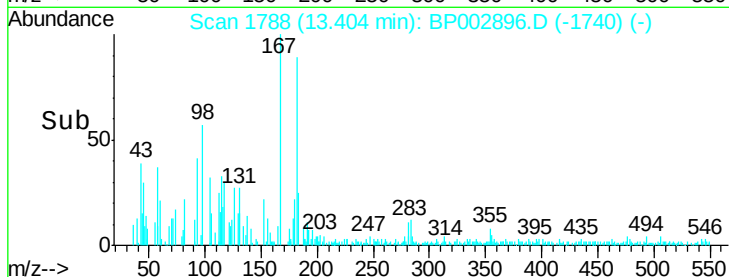
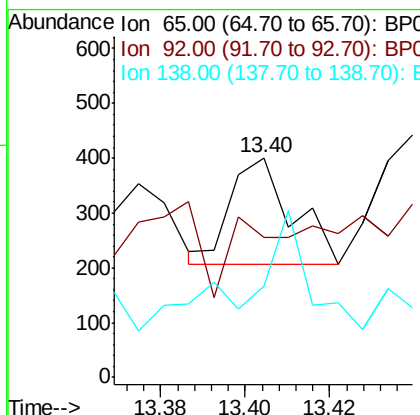
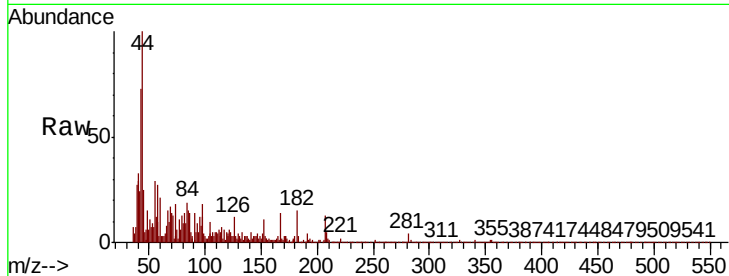




#48
2-Nitroaniline
Concen: 3.981 ng
RT: 13.40 min Scan# 1788
Delta R.T. -0.02 min
Lab File: BP002896.D
Acq: 31 Jul 2020 17:08

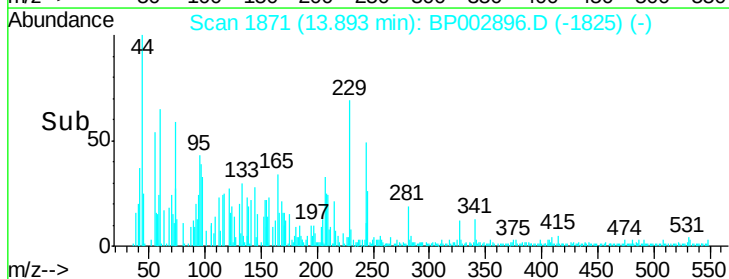
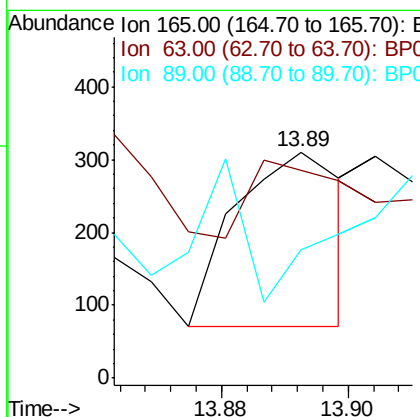
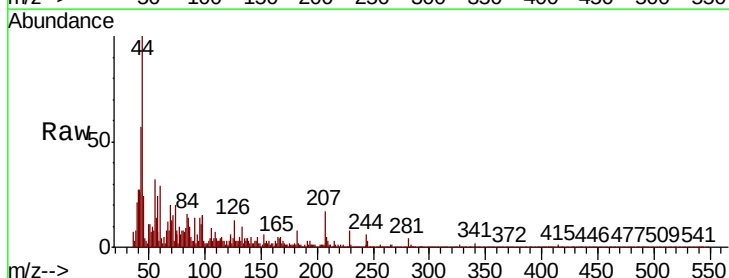
Instrument :
BNA_P
ClientSampled :
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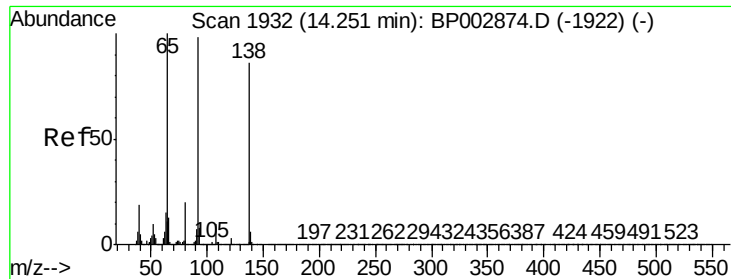
Tot Ion: 65 Resp: 195
Ion Ratio Lower Upper
65 100
92 63.6 61.4 92.0
138 41.6 94.2 141.4#



#51
2,6-Dinitrotoluene
Concen: 2.913 ng
RT: 13.89 min Scan# 1871
Delta R.T. -0.03 min
Lab File: BP002896.D
Acq: 31 Jul 2020 17:08

Tgt Ion: 165 Resp: 282
Ion Ratio Lower Upper
165 100
63 91.9 40.3 60.5#
89 57.1 46.5 69.7

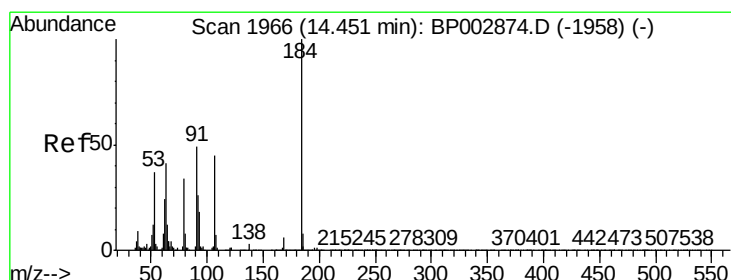
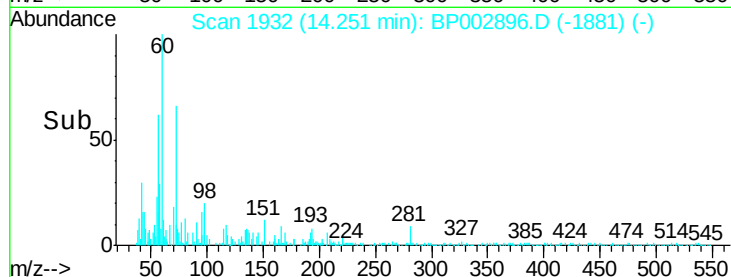
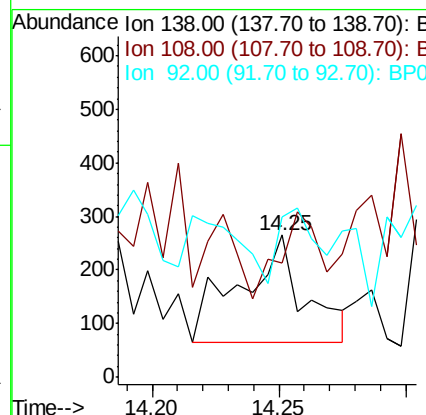
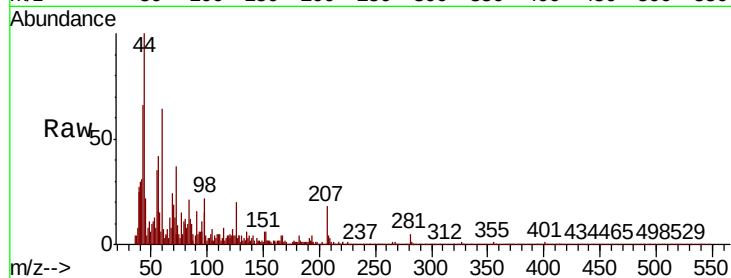




#53
3-Nitroaniline
Concen: 3.289 ng
RT: 14.25 min Scan# 1932
Delta R.T. 0.00 min
Lab File: BP002896.D
Acq: 31 Jul 2020 17:08

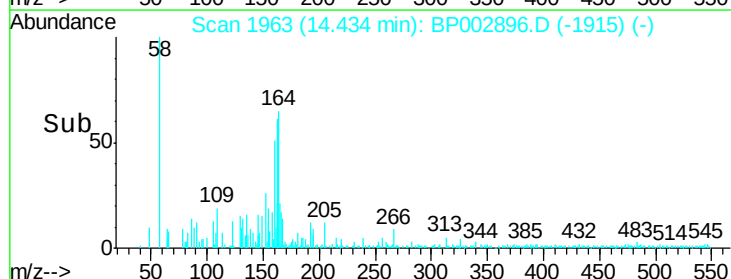
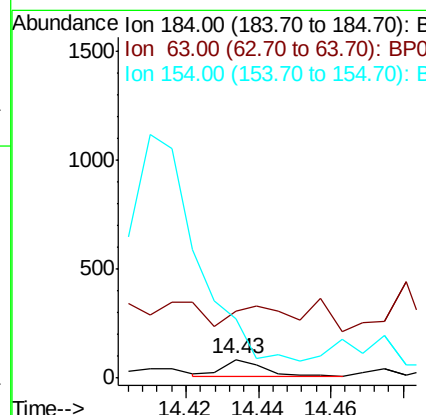
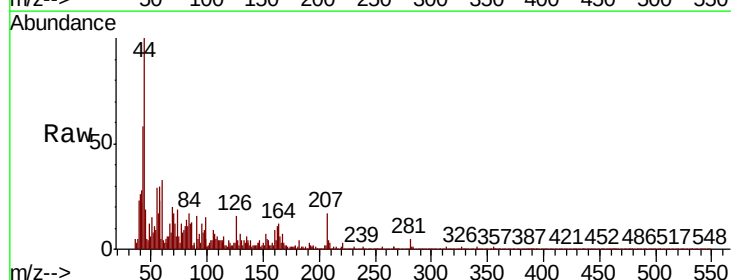
Instrument :
BNA_P
ClientSampleId :
TP-6

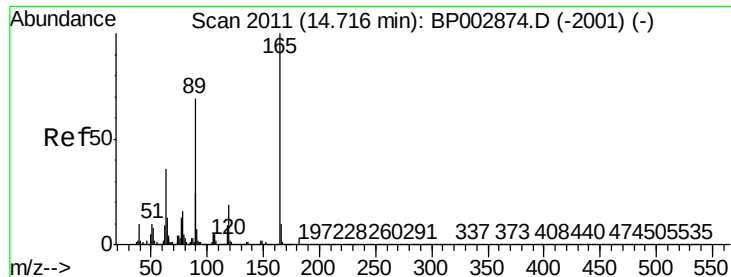
Tot Ion:138 Resp: 352
Ion Ratio Lower Upper
138 100
108 80.0 9.4 14.0#
92 113.2 91.0 136.6



#54
2,4-Dinitrophenol
Concen: 8.064 ng
RT: 14.43 min Scan# 1963
Delta R.T. -0.02 min
Lab File: BP002896.D
Acq: 31 Jul 2020 17:08

Tgt Ion:184 Resp: 61
Ion Ratio Lower Upper
184 100
63 365.5 50.3 75.5#
154 321.4 50.6 76.0#

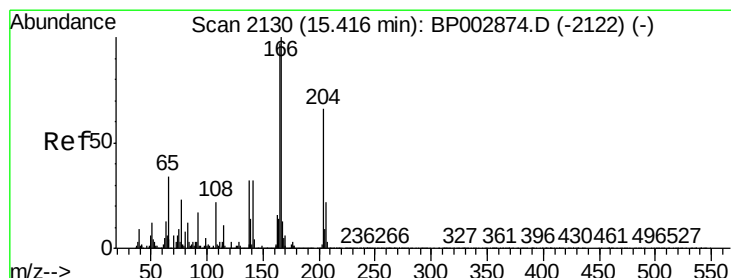
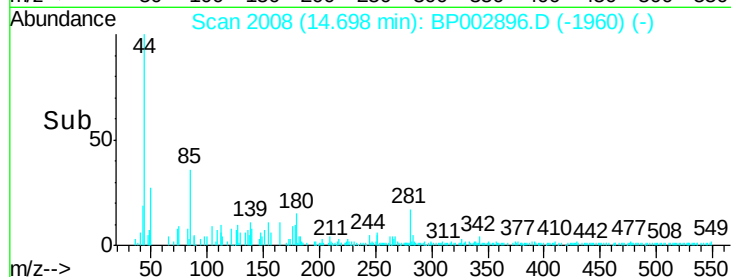
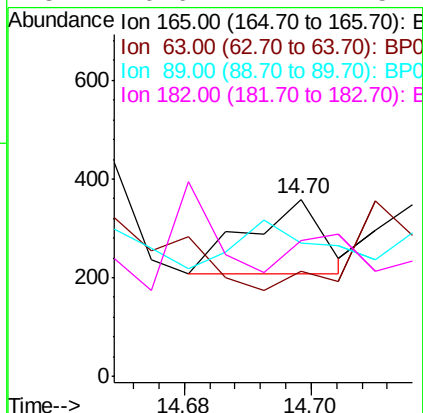
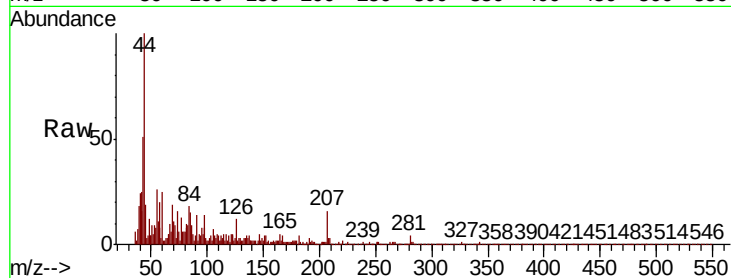




#57
2,4-Dinitrotoluene
Concen: 3.810 ng
RT: 14.70 min Scan# 2008
Delta R.T. -0.02 min
Lab File: BP002896.D
Acq: 31 Jul 2020 17:08

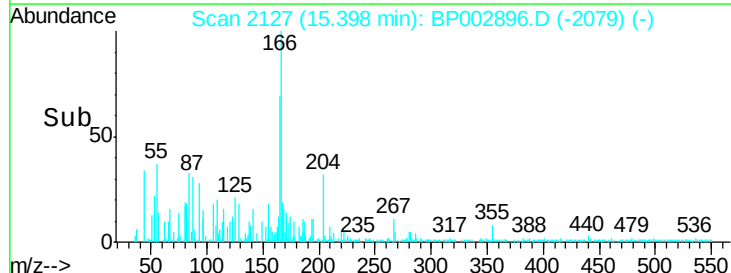
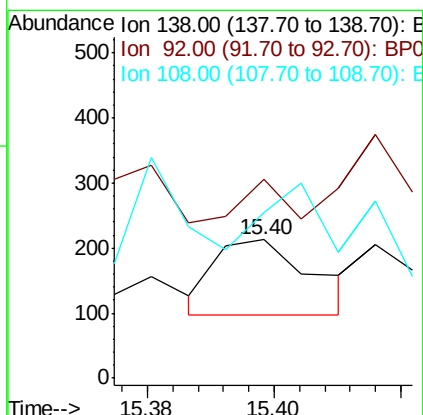
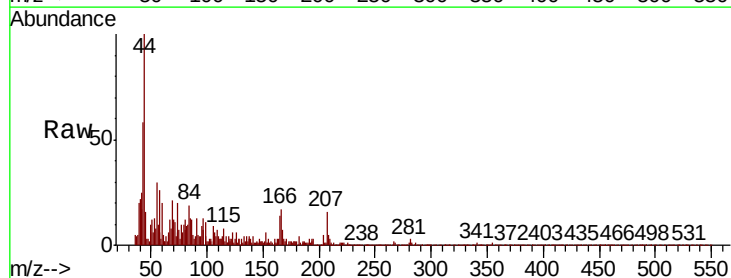
Instrument :
BNA_P
ClientSampled :
TP-6

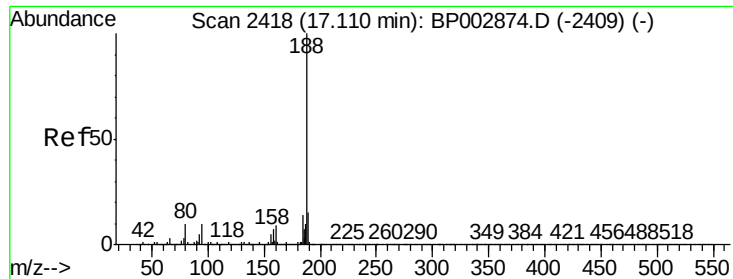
Tot Ion:165 Resp: 125
Ion Ratio Lower Upper
165 100
63 59.1 29.0 43.4#
89 75.5 55.5 83.3
182 76.6 2.2 3.4#



#62
4-Nitroaniline
Concen: 2.422 ng
RT: 15.40 min Scan# 2127
Delta R.T. -0.02 min
Lab File: BP002896.D
Acq: 31 Jul 2020 17:08

Tgt Ion:138 Resp: 122
Ion Ratio Lower Upper
138 100
92 143.7 32.2 72.2#
108 119.7 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: BP002896.D

Acq: 31 Jul 2020 17:08

Instrument :

BNA_P

ClientSampleId :

TP-6

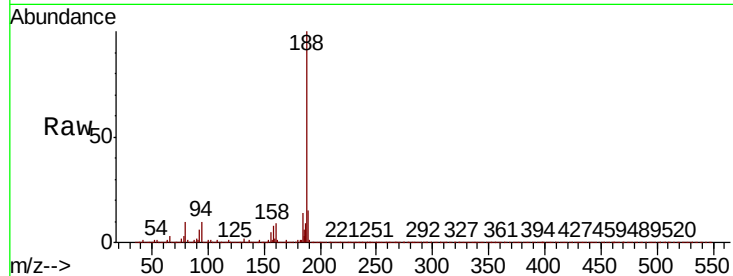
Tot Ion:188 Resp: 2237209

Ion Ratio Lower Upper

188 100

94 9.6 7.8 11.6

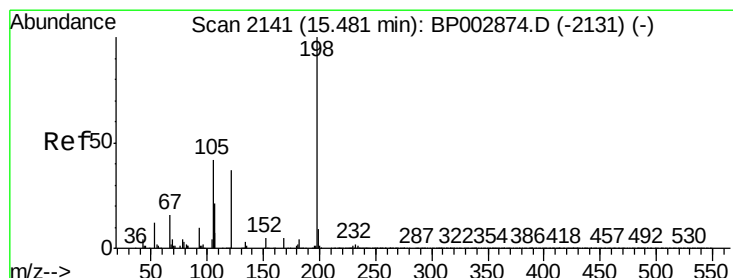
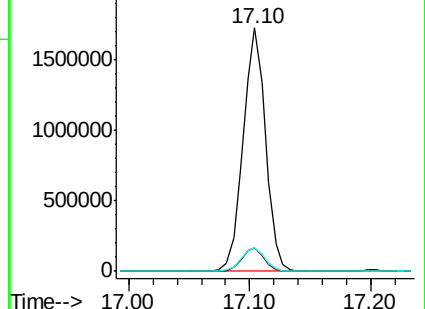
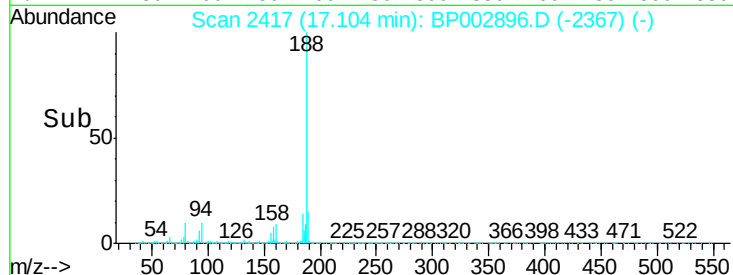
80 9.8 8.0 12.0



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: 6.904 ng

RT: 15.48 min Scan# 2141

Delta R.T. 0.00 min

Lab File: BP002896.D

Acq: 31 Jul 2020 17:08

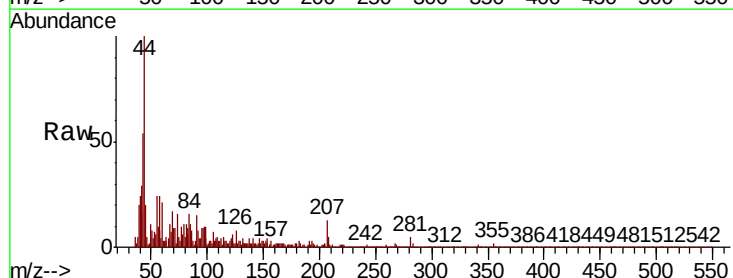
Tgt Ion:198 Resp: 56

Ion Ratio Lower Upper

198 100

51 1003.5 11.6 51.6#

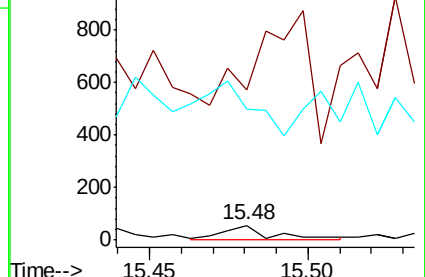
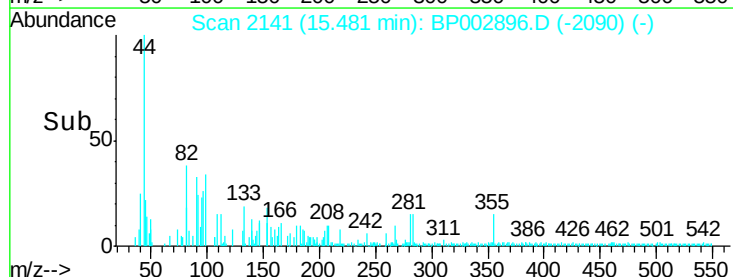
105 878.9 23.8 63.8#

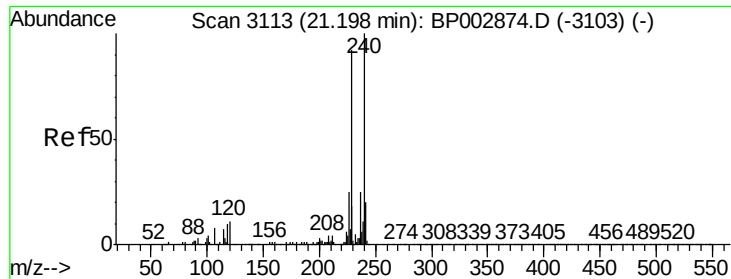


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BP0

Ion 105.00 (104.70 to 105.70): E

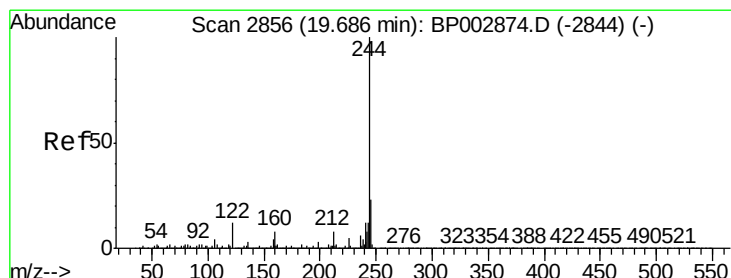
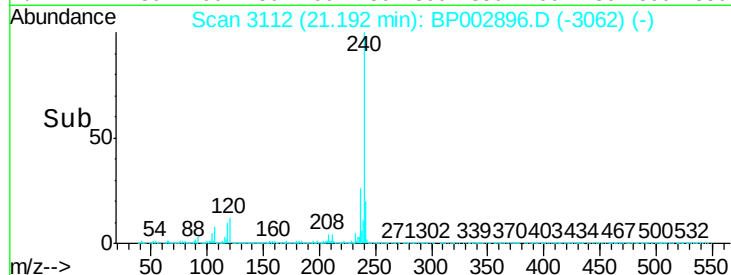
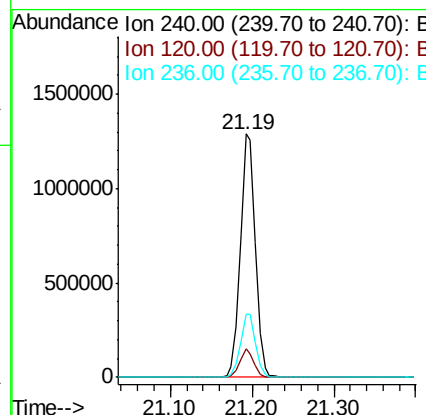
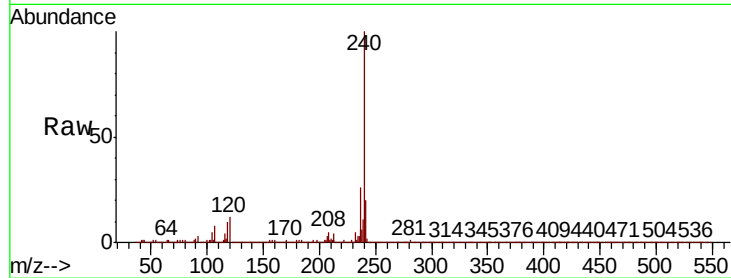




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.19 min Scan# 3112
 Delta R.T. -0.01 min
 Lab File: BP002896.D
 Acq: 31 Jul 2020 17:08

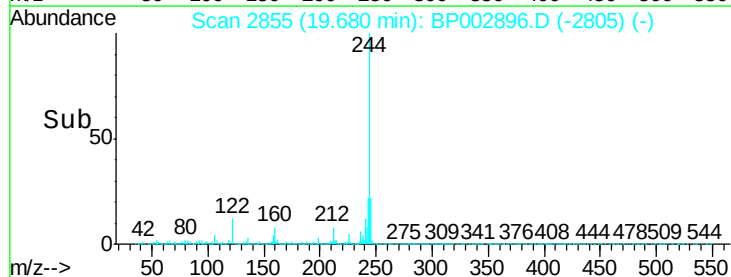
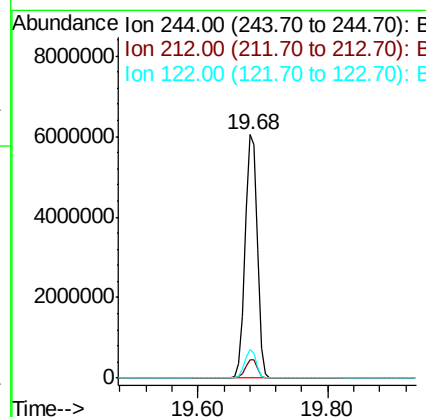
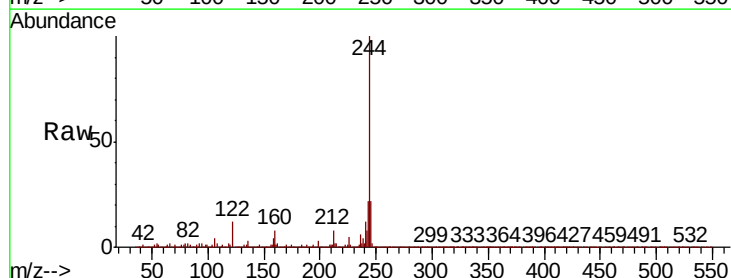
Instrument :
 BNA_P
 ClientSampleId :
 TP-6

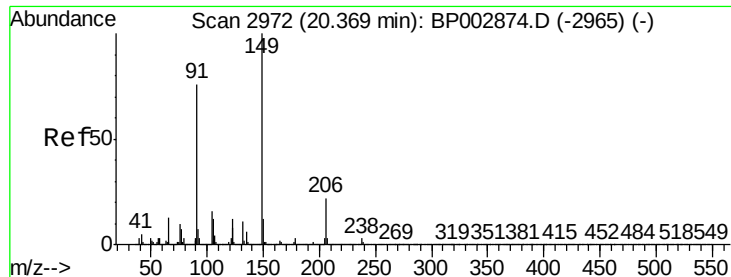
Tot Ion:240 Resp: 1646143
 Ion Ratio Lower Upper
 240 100
 120 11.6 8.9 13.3
 236 25.9 20.3 30.5



#79
 Terphenyl-d14
 Concen: 94.876 ng
 RT: 19.68 min Scan# 2855
 Delta R.T. -0.01 min
 Lab File: BP002896.D
 Acq: 31 Jul 2020 17:08

Tgt Ion:244 Resp: 7801369
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.4 9.6
 122 11.6 9.4 14.2

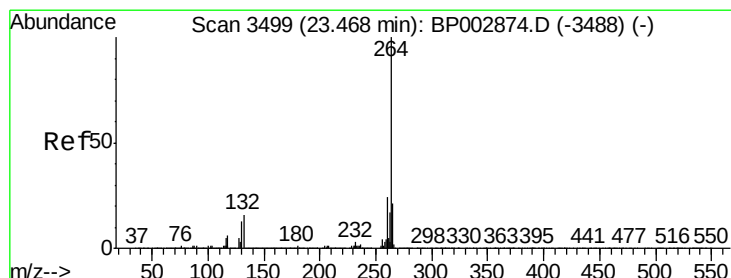
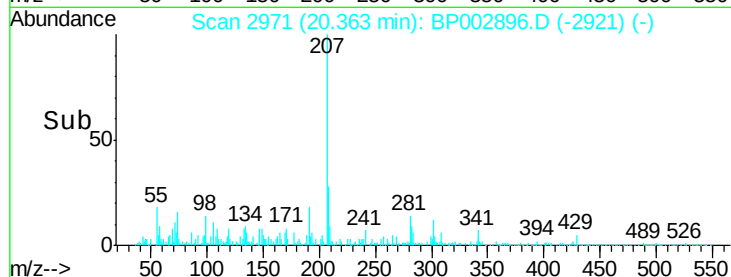
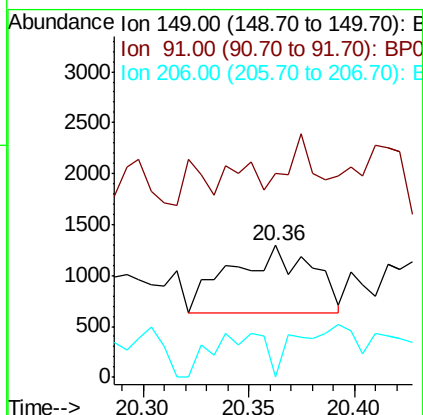
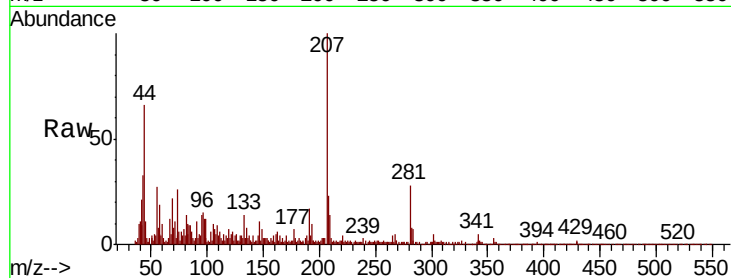




#80
Butylbenzylphthalate
Concen: 3.093 ng
RT: 20.36 min Scan# 2971
Delta R.T. -0.01 min
Lab File: BP002896.D
Acq: 31 Jul 2020 17:08

Instrument :
BNA_P
ClientSampleId :
TP-6

Tot Ion:149 Resp: 1744
Ion Ratio Lower Upper
149 100
91 154.7 60.5 90.7#
206 0.0 17.5 26.3#



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.46 min Scan# 3498
Delta R.T. -0.01 min
Lab File: BP002896.D
Acq: 31 Jul 2020 17:08

Tgt Ion:264 Resp: 1785711
Ion Ratio Lower Upper
264 100
260 24.2 19.0 28.6
265 21.5 17.0 25.4

