

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP080720\
 Data File : BP002937.D
 Acq On : 07 Aug 2020 18:01
 Operator : CG/JU
 Sample : L3594-06
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-2

Quant Time: Aug 07 18:42:16 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	7.71	152	147813	20.00	ng	0.00
21) Naphthalene-d8	10.49	136	550010	20.00	ng	-0.01
39) Acenaphthene-d10	14.35	164	325838	20.00	ng	-0.01
64) Phenanthrene-d10	17.10	188	745246	20.00	ng	-0.01
76) Chrysene-d12	21.19	240	978945	20.00	ng	-0.01
86) Perylene-d12	23.45	264	1235402	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.31	112	988718	102.37	ng	-0.01
7) Phenol-d6	6.88	99	1079420	80.50	ng	-0.01
23) Nitrobenzene-d5	8.85	82	766582	75.49	ng	-0.01
42) 2,4,6-Tribromophenol	15.84	330	545733	134.76	ng	0.00
45) 2-Fluorobiphenyl	12.97	172	1972081	82.69	ng	-0.01
79) Terphenyl-d14	19.67	244	3628738	74.21	ng	-0.02

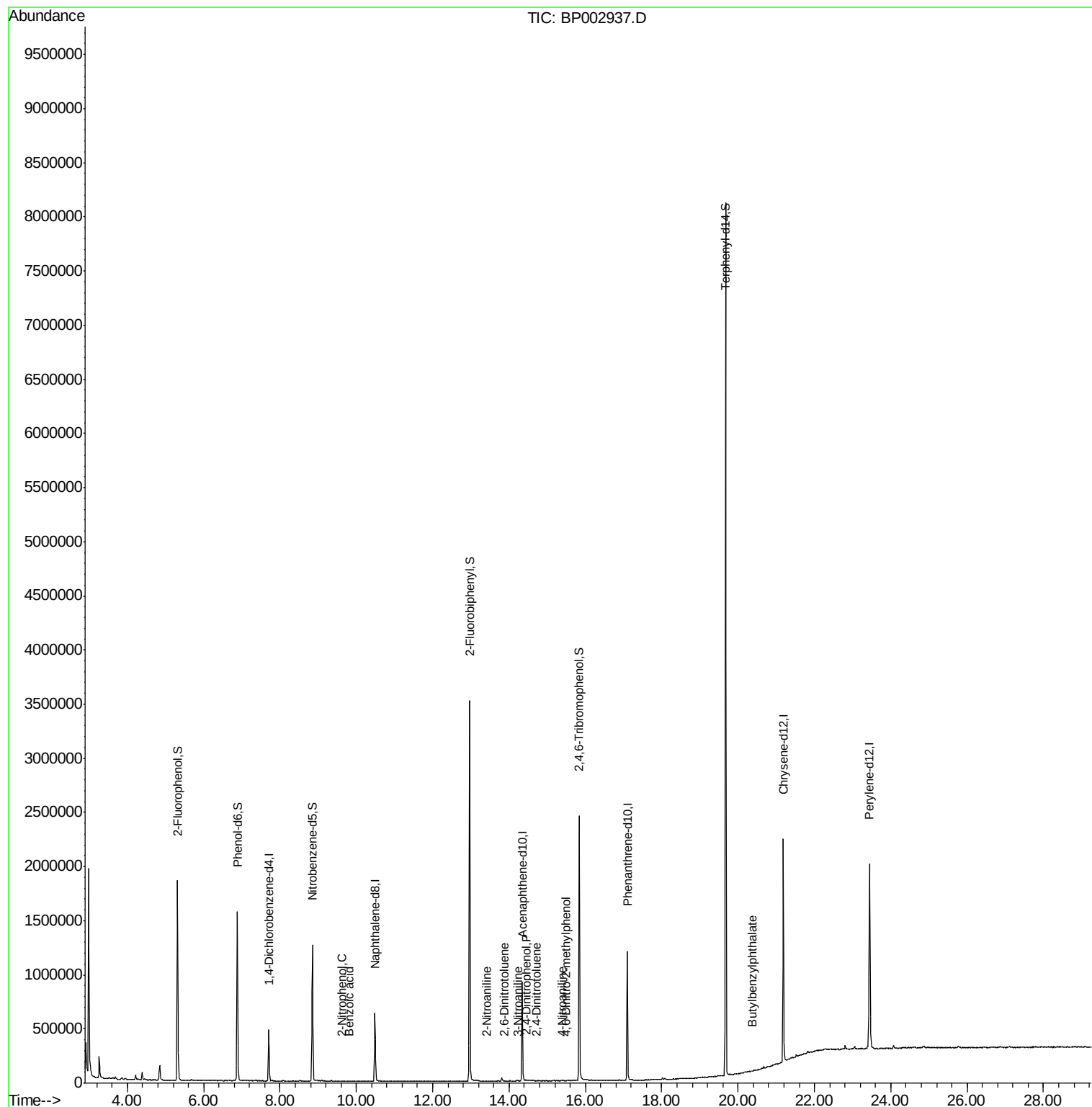
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
26) 2-Nitrophenol	9.62	139	98	4.540	ng	# 1
32) Benzoic acid	9.80	122	70	7.697	ng	# 45
48) 2-Nitroaniline	13.41	65	90	3.987	ng	# 39
51) 2,6-Dinitrotoluene	13.87	165	87	2.914	ng	# 90
53) 3-Nitroaniline	14.25	138	49	3.281	ng	# 43
54) 2,4-Dinitrophenol	14.45	184	17	8.064	ng	# 1
57) 2,4-Dinitrotoluene	14.72	165	171	3.827	ng	# 49
62) 4-Nitroaniline	15.41	138	40	2.422	ng	# 1
65) 4,6-Dinitro-2-methylphenol	15.47	198	14	6.903	ng	# 1
80) Butylbenzylphthalate	20.36	149	1258	3.100	ng	# 82

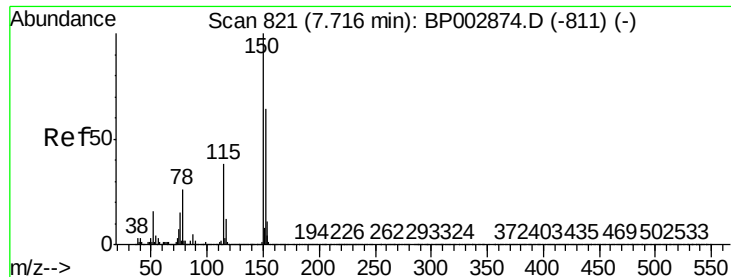
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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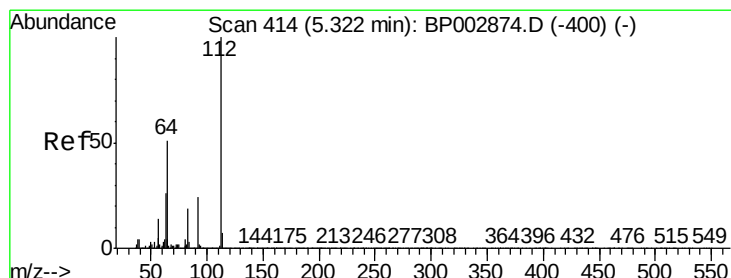
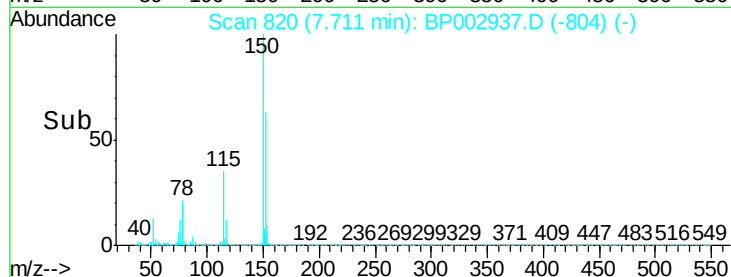
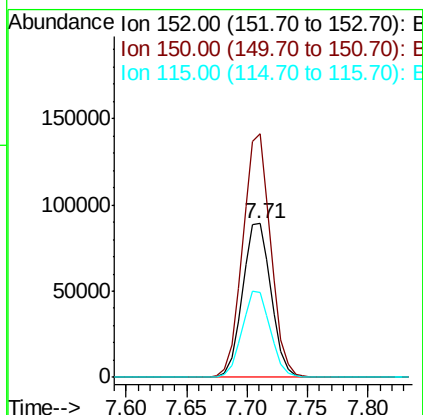
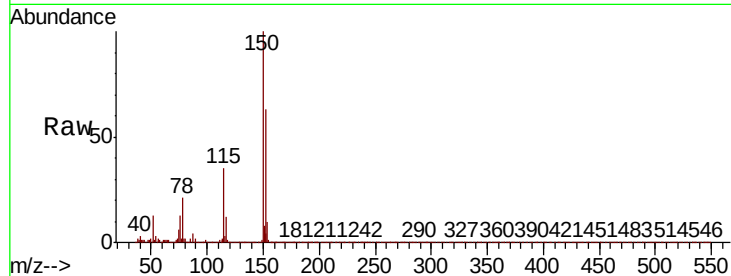


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.71 min Scan# 820
Delta R.T. -0.01 min
Lab File: BP002937.D
Acq: 07 Aug 2020 18:01

Instrument :
BNA_P
ClientSampleId :
TP-2

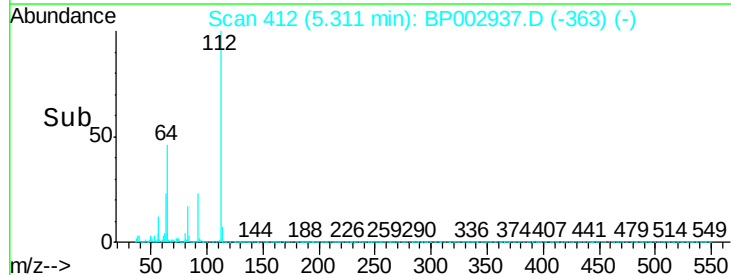
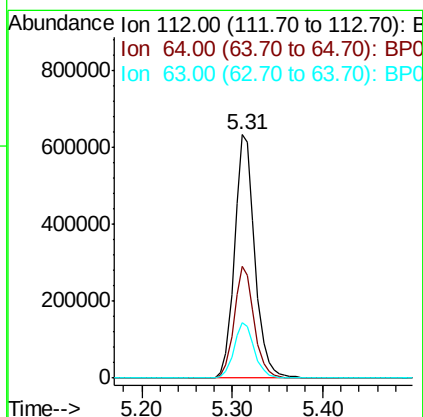
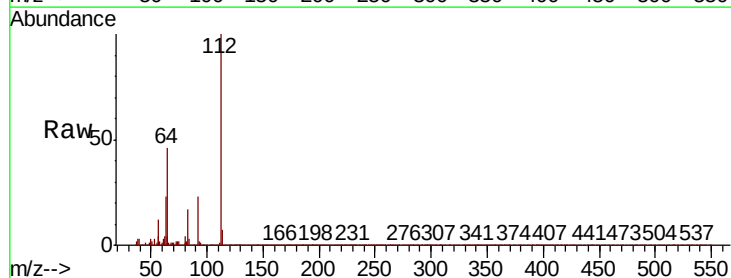
Tot Ion	Ratio	Lower	Upper
152	100		
150	158.2	124.8	187.2
115	55.1	47.4	71.2

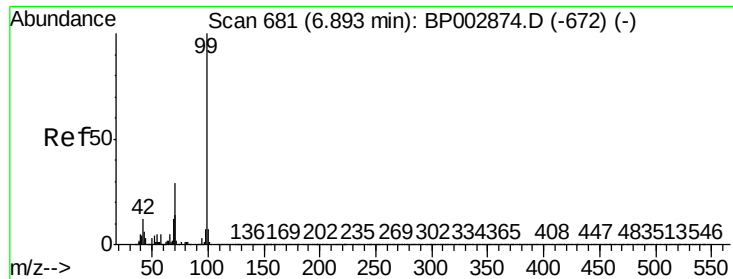


#5

2-Fluorophenol
Concen: 102.375 ng
RT: 5.31 min Scan# 412
Delta R.T. -0.01 min
Lab File: BP002937.D
Acq: 07 Aug 2020 18:01

Tgt Ion	Ratio	Lower	Upper
112	100		
64	46.1	41.0	61.6
63	23.0	20.7	31.1





#7

Phenol-d6

Concen: 80.502 ng

RT: 6.88 min Scan# 679

Delta R.T. -0.01 min

Lab File: BP002937.D

Acq: 07 Aug 2020 18:01

Instrument :

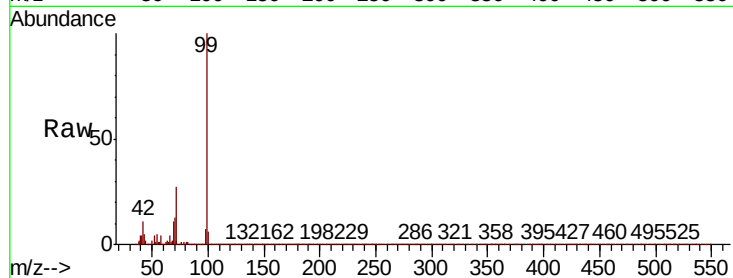
BNA_P

ClientSampled :

TP-2

Tot Ion: 99 Resp: 1079420

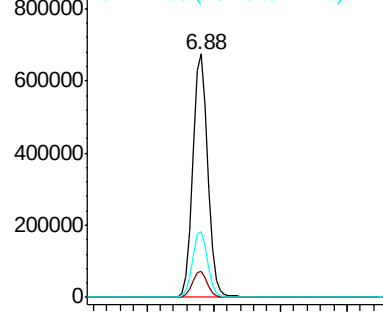
Ion	Ratio	Lower	Upper
99	100		
42	10.5	9.3	13.9
71	27.1	23.5	35.3



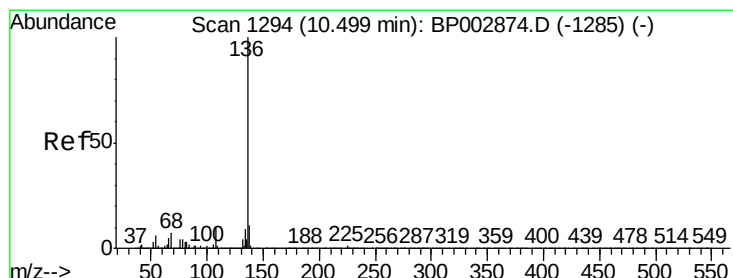
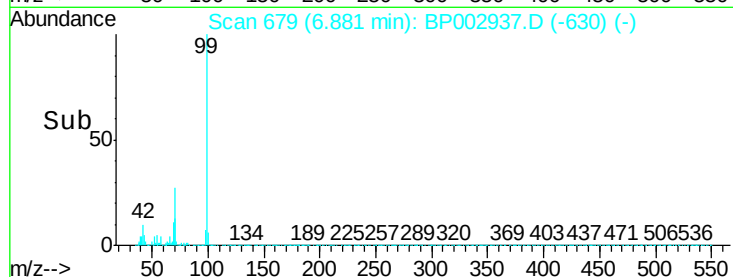
Abundance Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0



Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.49 min Scan# 1292

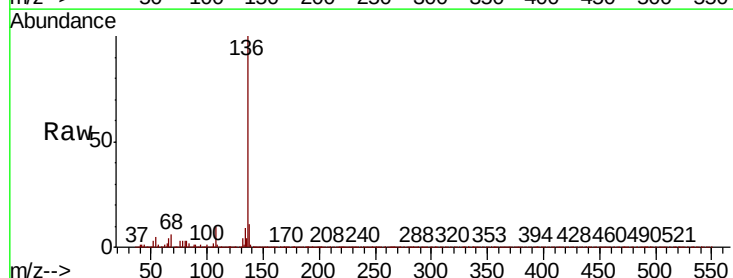
Delta R.T. -0.01 min

Lab File: BP002937.D

Acq: 07 Aug 2020 18:01

Tgt Ion: 136 Resp: 550010

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	5.3	5.1	7.7
68	5.7	5.3	7.9

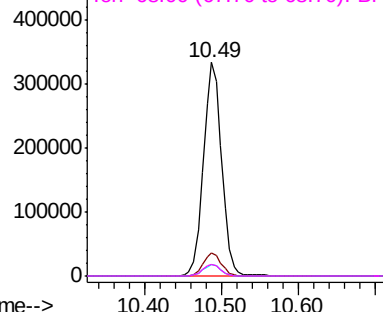


Abundance Ion 136.00 (135.70 to 136.70): E

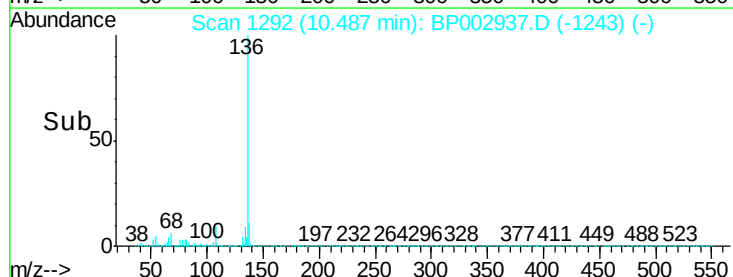
Ion 137.00 (136.70 to 137.70): E

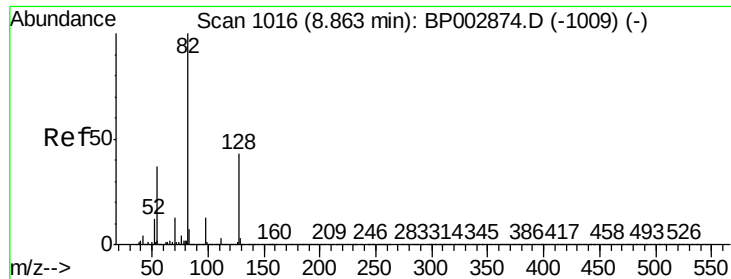
Ion 54.00 (53.70 to 54.70): BP0

Ion 68.00 (67.70 to 68.70): BP0



Time-->

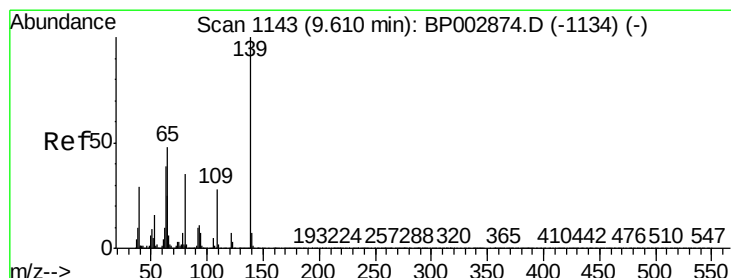
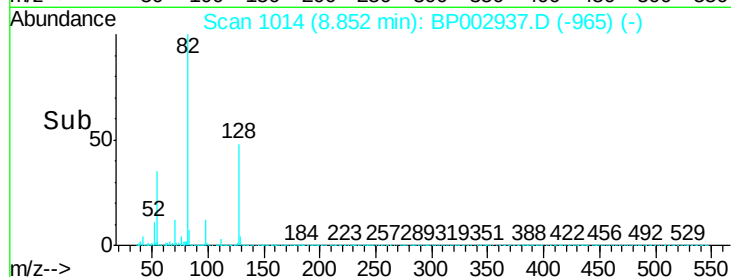
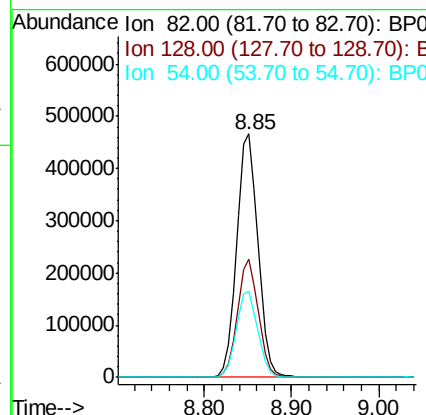
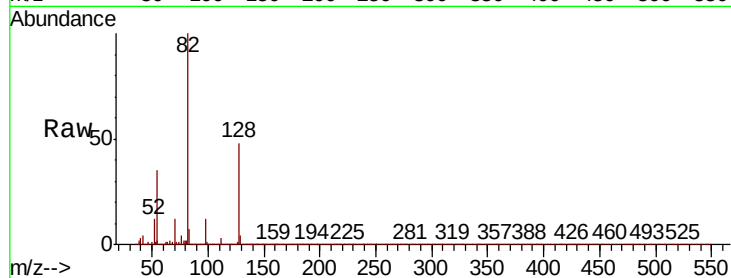




#23
Nitrobenzene-d5
Concen: 75.489 ng
RT: 8.85 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BP002937.D
Acq: 07 Aug 2020 18:01

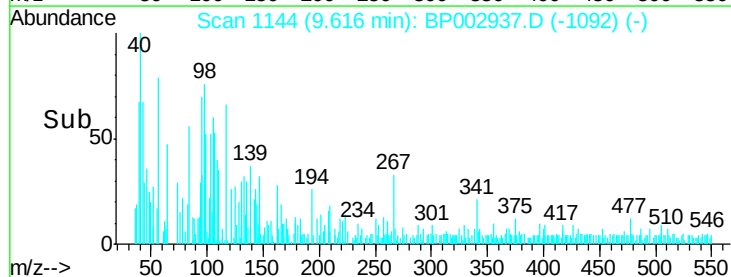
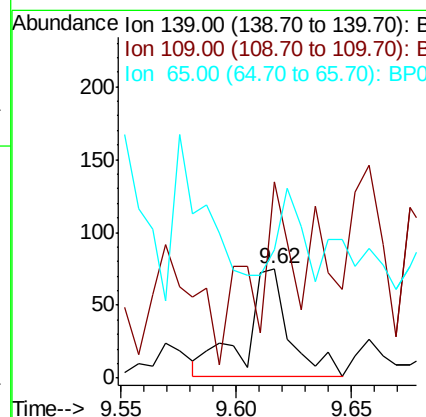
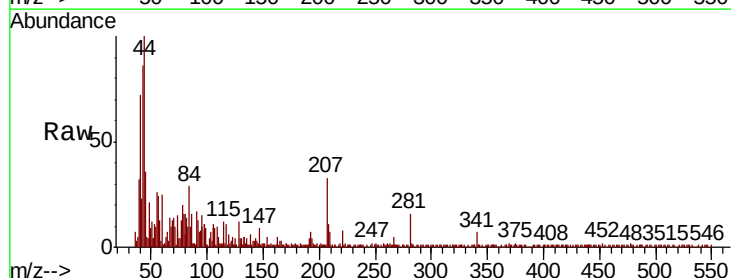
Instrument :
BNA_P
ClientSampleId :
TP-2

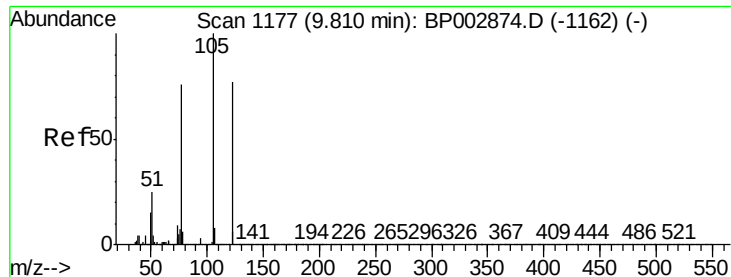
Tot Ion	82	Resp	766582
Ion Ratio	100	Lower	Upper
128	48.4	34.6	52.0
54	35.3	29.5	44.3



#26
2-Nitrophenol
Concen: 4.540 ng
RT: 9.62 min Scan# 1144
Delta R.T. 0.01 min
Lab File: BP002937.D
Acq: 07 Aug 2020 18:01

Tgt Ion	139	Resp	98
Ion Ratio	100	Lower	Upper
109	180.0	22.2	33.2#
65	117.3	38.9	58.3#





#32

Benzoic acid

Concen: 7.697 ng

RT: 9.80 min Scan# 1176

Delta R.T. -0.01 min

Lab File: BP002937.D

Acq: 07 Aug 2020 18:01

Instrument :

BNA_P

ClientSampleId :

TP-2

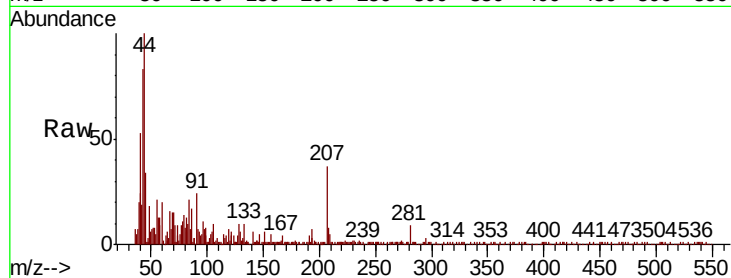
Tot Ion:122 Resp: 70

Ion Ratio Lower Upper

122 100

105 177.7 103.4 143.4#

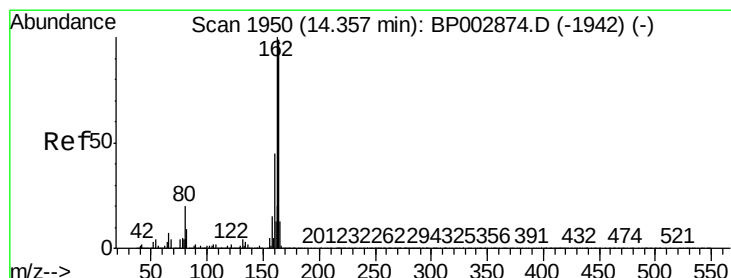
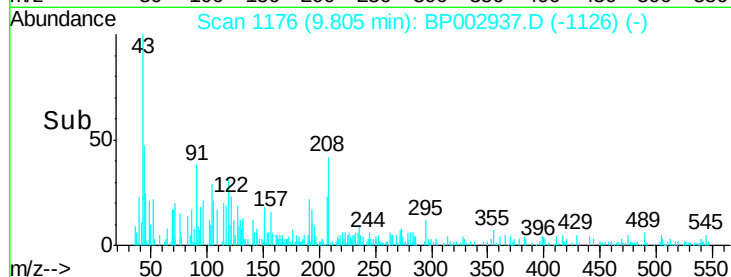
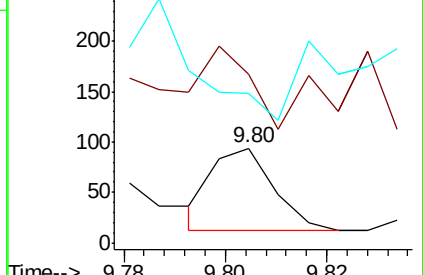
77 157.4 74.6 114.6#



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): BP0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.35 min Scan# 1948

Delta R.T. -0.01 min

Lab File: BP002937.D

Acq: 07 Aug 2020 18:01

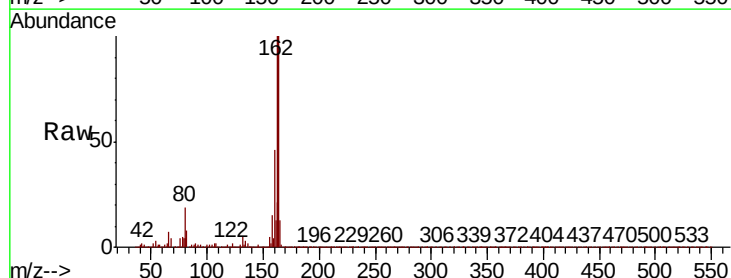
Tgt Ion:164 Resp: 325838

Ion Ratio Lower Upper

164 100

162 99.8 81.0 121.6

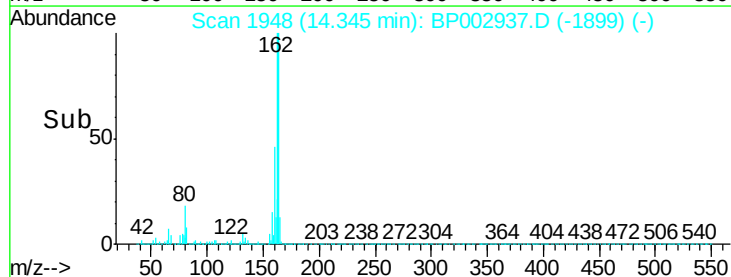
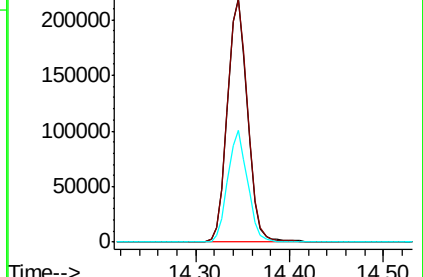
160 45.7 36.2 54.4

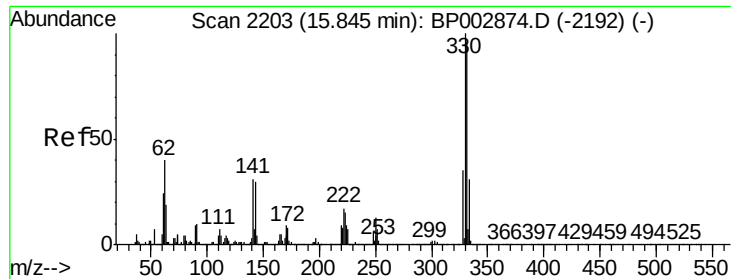


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

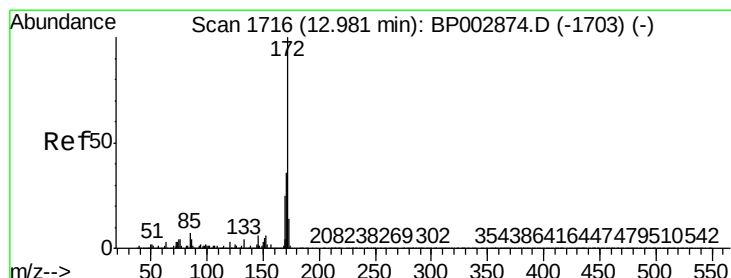
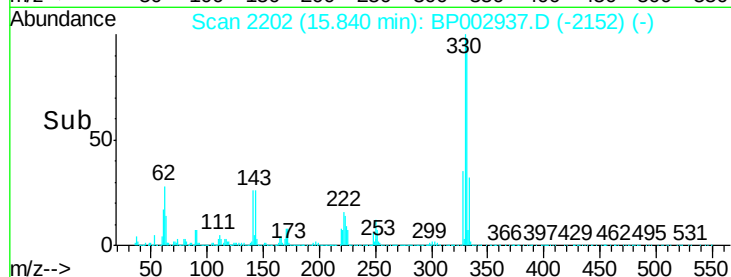
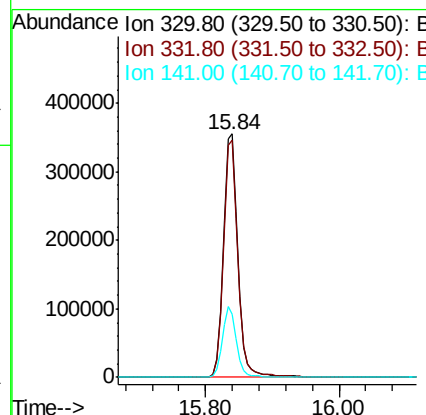
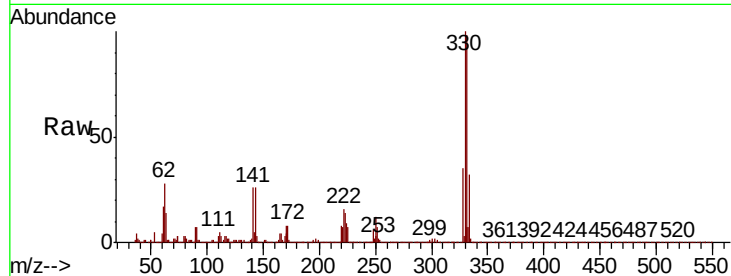




#42
 2,4,6-Tribromophenol
 Concen: 134.756 ng
 RT: 15.84 min Scan# 2202
 Delta R.T. -0.01 min
 Lab File: BP002937.D
 Acq: 07 Aug 2020 18:01

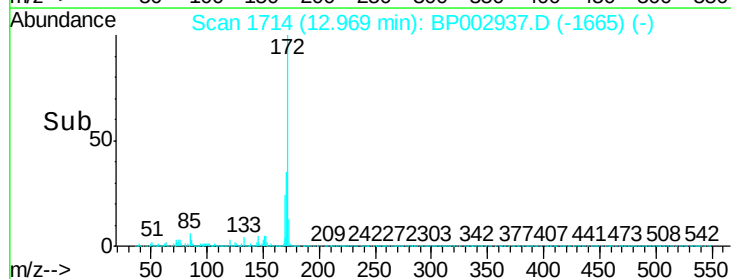
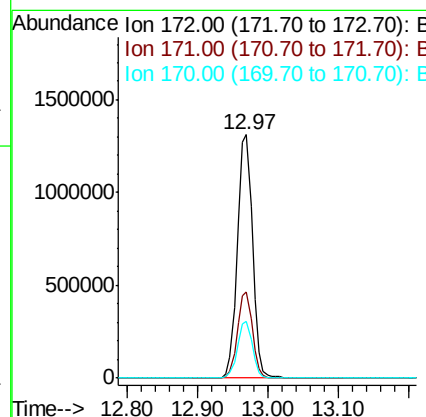
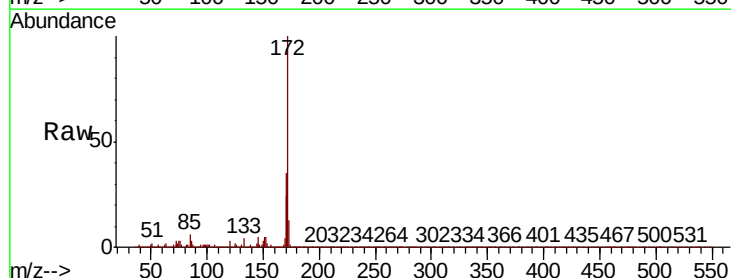
Instrument :
 BNA_P
 ClientSampleId :
 TP-2

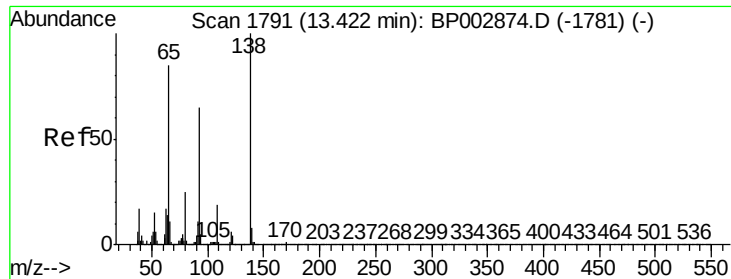
Tot Ion:330 Resp: 545733
 Ion Ratio Lower Upper
 330 100
 332 96.9 77.1 115.7
 141 28.2 24.6 37.0



#45
 2-Fluorobiphenyl
 Concen: 82.693 ng
 RT: 12.97 min Scan# 1714
 Delta R.T. -0.01 min
 Lab File: BP002937.D
 Acq: 07 Aug 2020 18:01

Tgt Ion:172 Resp: 1972081
 Ion Ratio Lower Upper
 172 100
 171 35.2 29.1 43.7
 170 23.5 19.6 29.4





#48

2-Nitroaniline

Concen: 3.987 ng

RT: 13.41 min Scan# 1789

Delta R.T. -0.01 min

Lab File: BP002937.D

Acq: 07 Aug 2020 18:01

Instrument :

BNA_P

ClientSampled :

TP-2

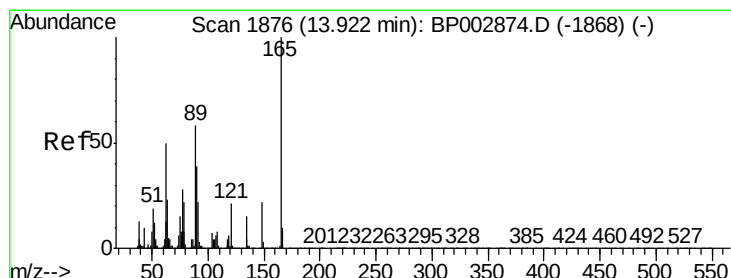
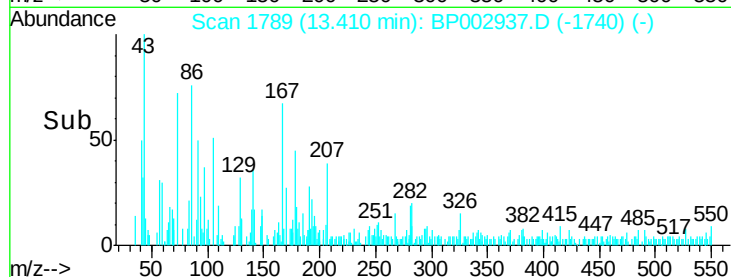
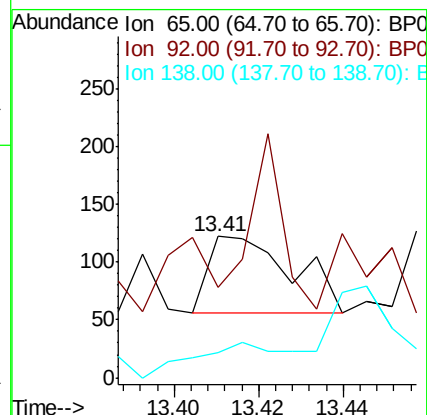
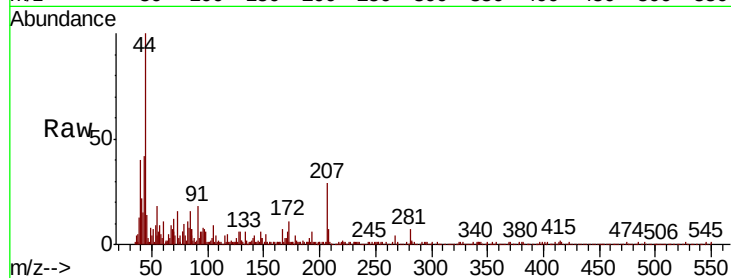
Tot Ion: 65 Resp: 90

Ion Ratio Lower Upper

65 100

92 63.9 61.4 92.0

138 18.0 94.2 141.4#



#51

2,6-Dinitrotoluene

Concen: 2.914 ng

RT: 13.87 min Scan# 1867

Delta R.T. -0.05 min

Lab File: BP002937.D

Acq: 07 Aug 2020 18:01

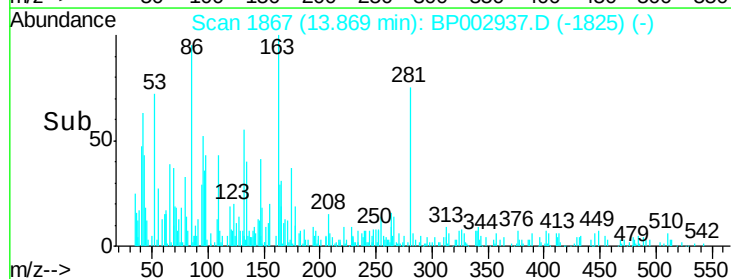
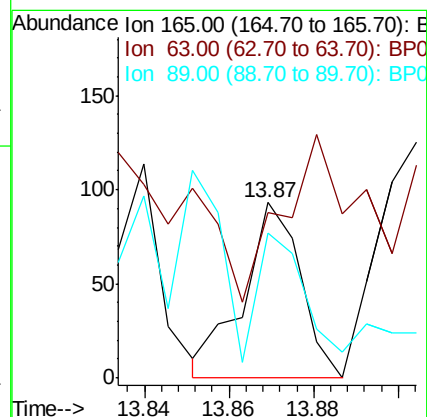
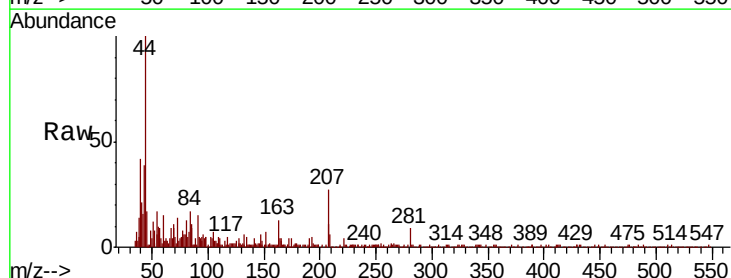
Tgt Ion: 165 Resp: 87

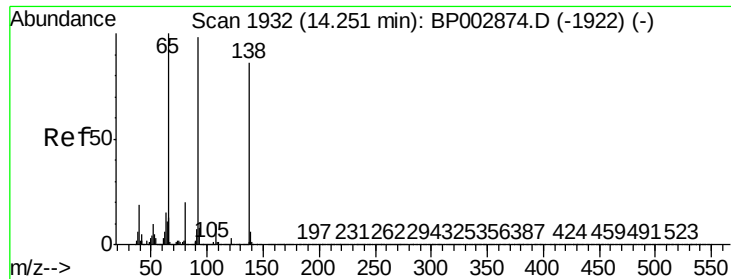
Ion Ratio Lower Upper

165 100

63 60.3 40.3 60.5

89 52.7 46.5 69.7

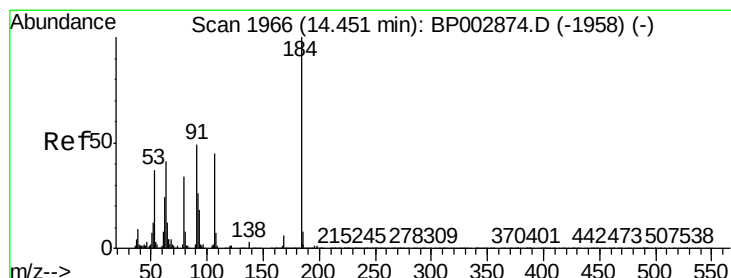
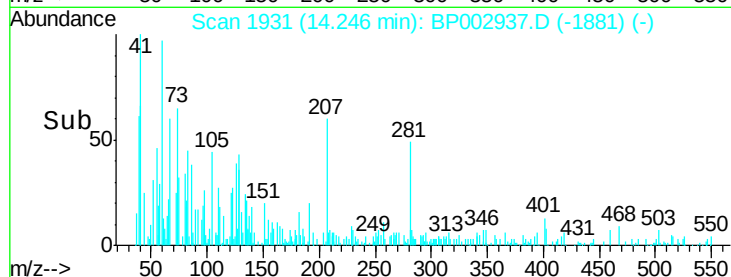
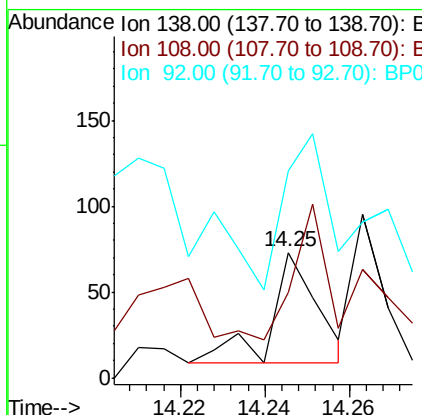
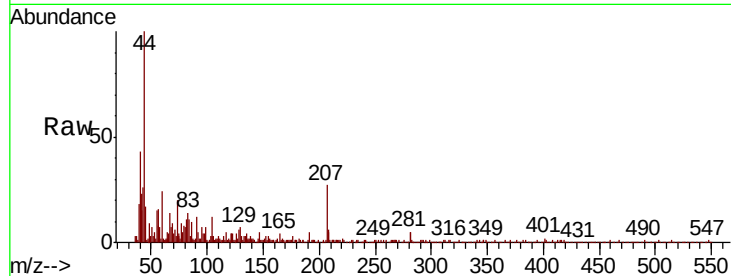




#53
3-Nitroaniline
Concen: 3.281 ng
RT: 14.25 min Scan# 1931
Delta R.T. -0.01 min
Lab File: BP002937.D
Acq: 07 Aug 2020 18:01

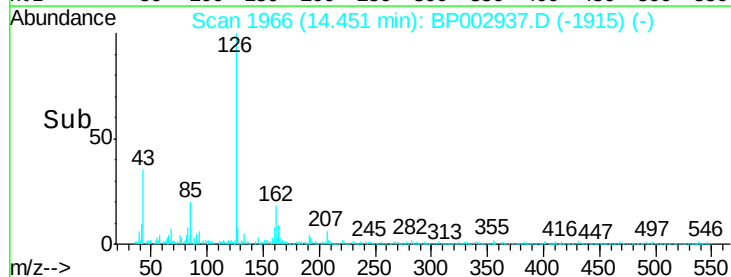
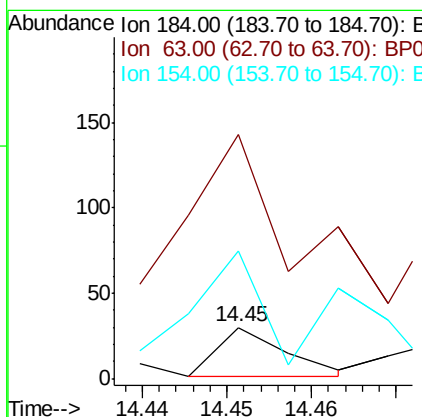
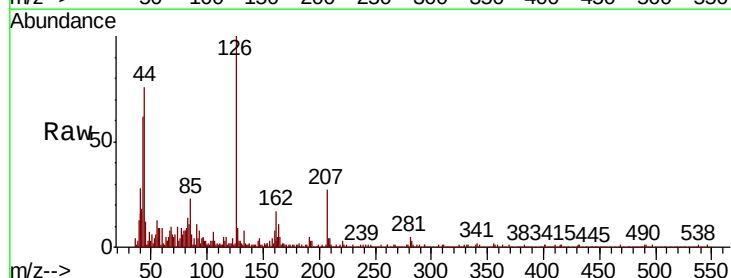
Instrument :
BNA_P
ClientSampled :
TP-2

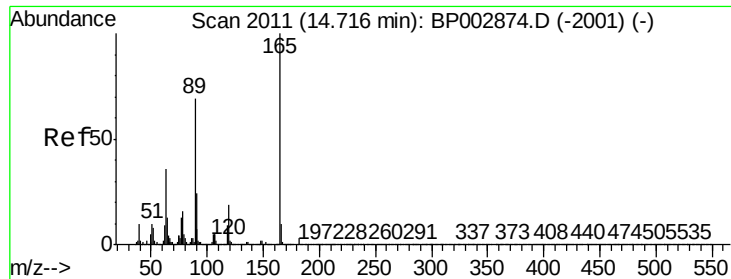
Tot Ion:138 Resp: 49
Ion Ratio Lower Upper
138 100
108 68.5 9.4 14.0#
92 165.8 91.0 136.6#



#54
2,4-Dinitrophenol
Concen: 8.064 ng
RT: 14.45 min Scan# 1966
Delta R.T. 0.00 min
Lab File: BP002937.D
Acq: 07 Aug 2020 18:01

Tgt Ion:184 Resp: 17
Ion Ratio Lower Upper
184 100
63 476.7 50.3 75.5#
154 250.0 50.6 76.0#

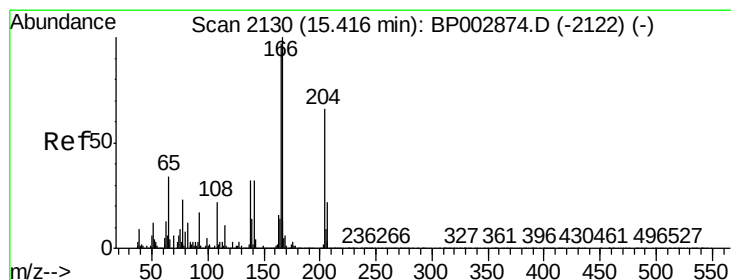
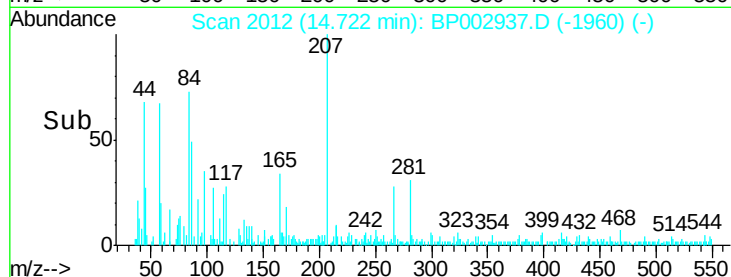
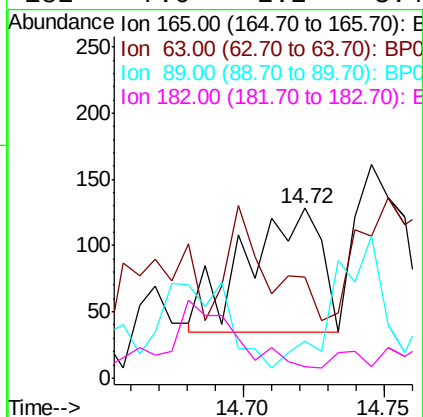
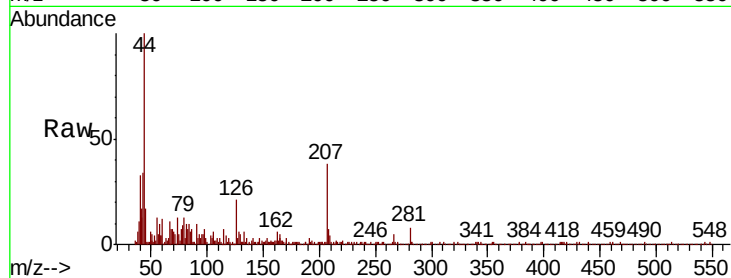




#57
 2,4-Dinitrotoluene
 Concen: 3.827 ng
 RT: 14.72 min Scan# 2012
 Delta R.T. 0.01 min
 Lab File: BP002937.D
 Acq: 07 Aug 2020 18:01

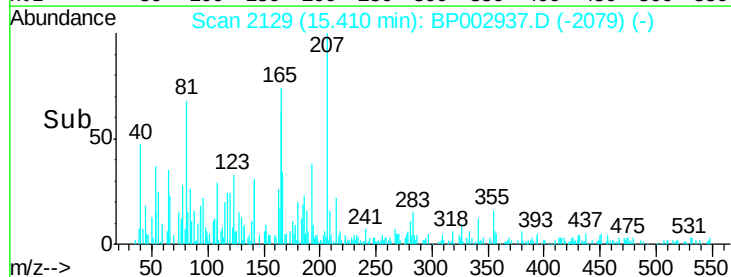
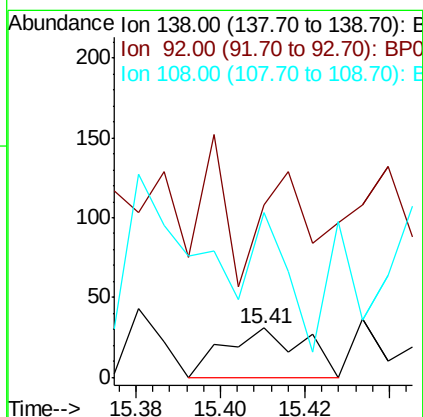
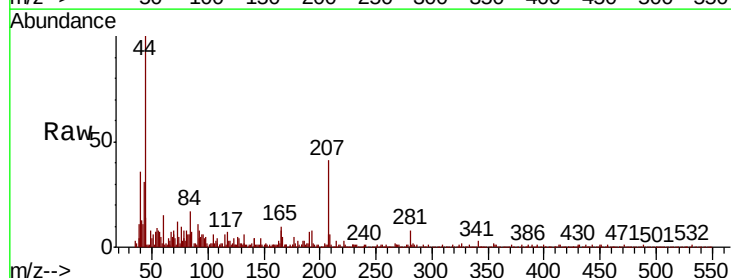
Instrument :
 BNA_P
 ClientSampled :
 TP-2

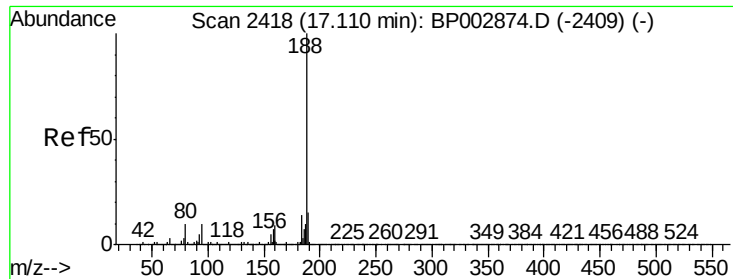
Tot Ion	Ratio	Lower	Upper
165	100		
63	59.4	29.0	43.4#
89	21.9	55.5	83.3#
182	7.0	2.2	3.4#



#62
 4-Nitroaniline
 Concen: 2.422 ng
 RT: 15.41 min Scan# 2129
 Delta R.T. -0.00 min
 Lab File: BP002937.D
 Acq: 07 Aug 2020 18:01

Tgt Ion	Ratio	Lower	Upper
138	100		
92	348.4	32.2	72.2#
108	332.3	50.0	90.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.10 min Scan# 2416

Delta R.T. -0.01 min

Lab File: BP002937.D

Acq: 07 Aug 2020 18:01

Instrument :

BNA_P

ClientSampleId :

TP-2

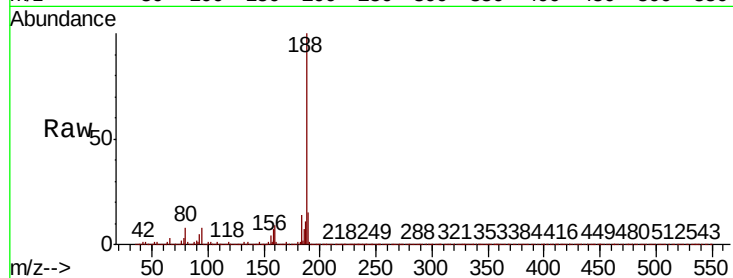
Tot Ion:188 Resp: 745246

Ion Ratio Lower Upper

188 100

94 7.9 7.8 11.6

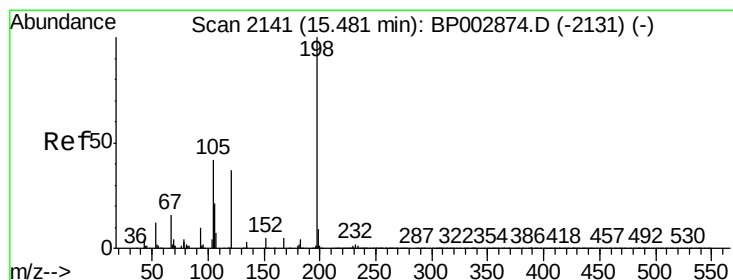
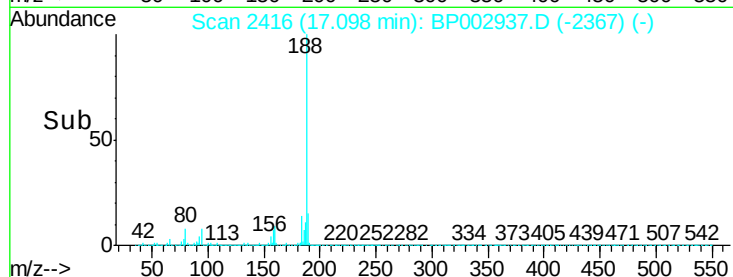
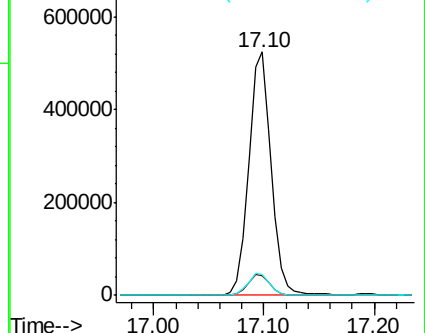
80 8.5 8.0 12.0



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: 6.903 ng

RT: 15.47 min Scan# 2140

Delta R.T. -0.01 min

Lab File: BP002937.D

Acq: 07 Aug 2020 18:01

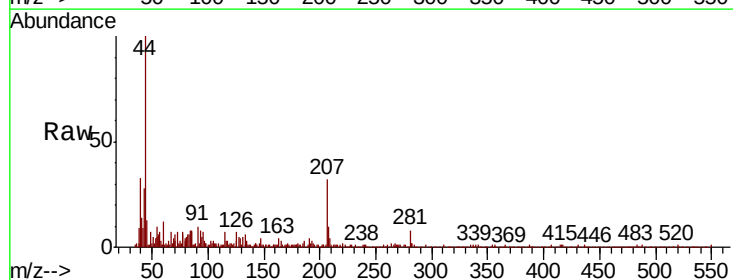
Tgt Ion:198 Resp: 14

Ion Ratio Lower Upper

198 100

51 608.0 11.6 51.6#

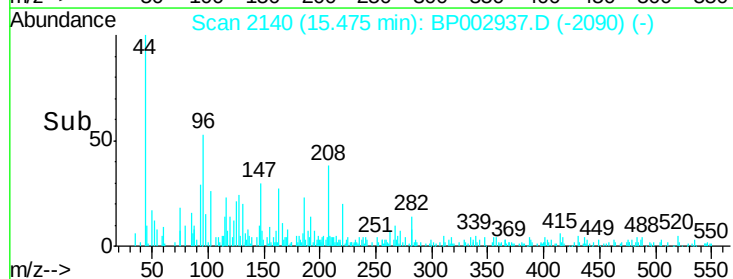
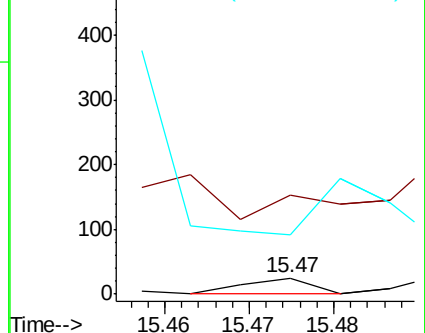
105 364.0 23.8 63.8#

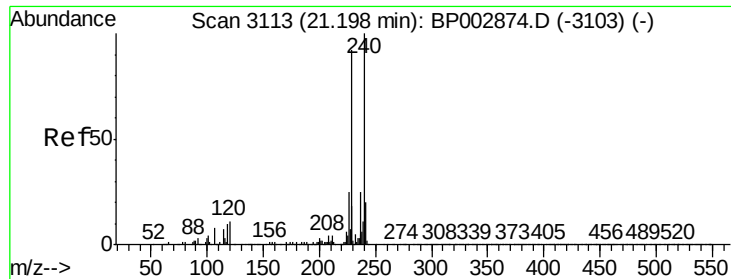


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BP0

Ion 105.00 (104.70 to 105.70): E

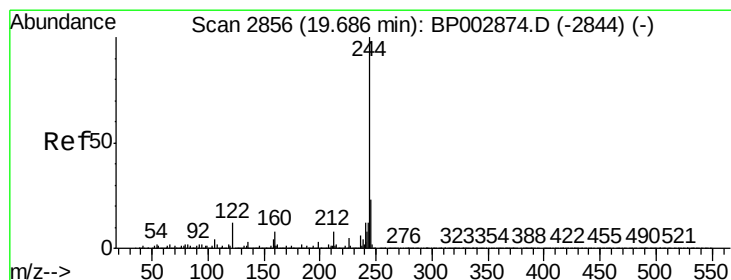
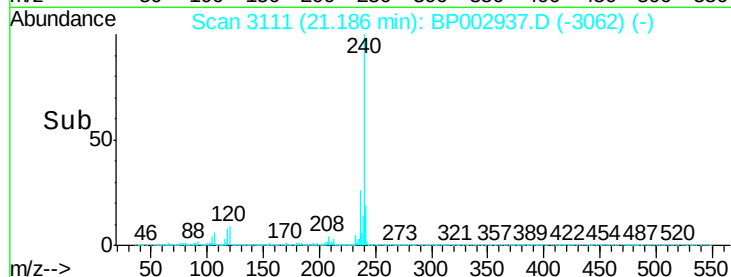
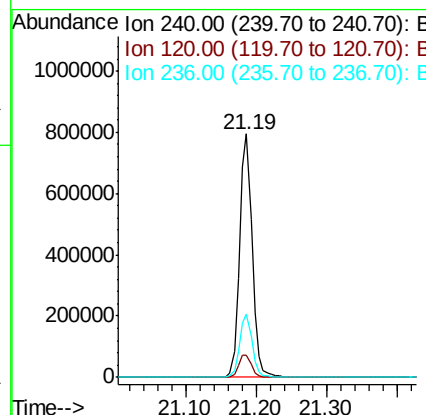
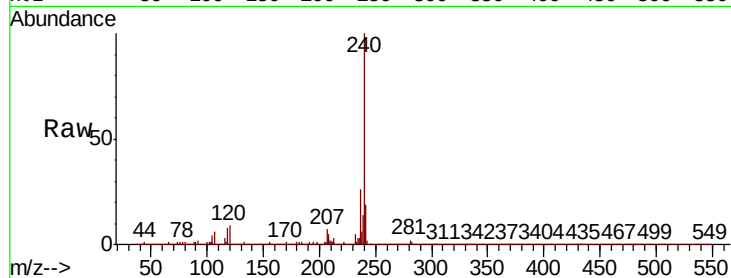




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.19 min Scan# 3111
Delta R.T. -0.01 min
Lab File: BP002937.D
Acq: 07 Aug 2020 18:01

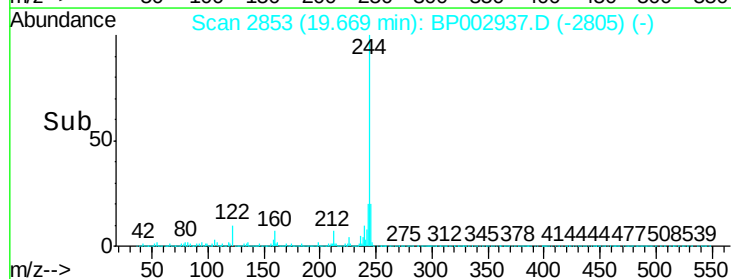
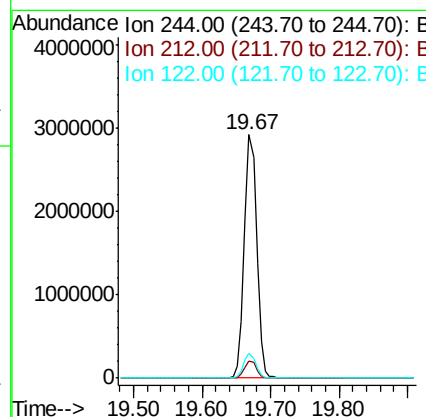
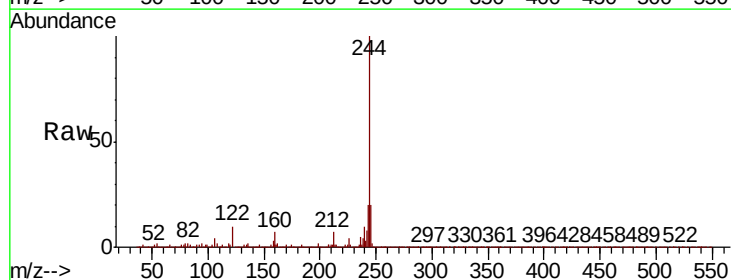
Instrument :
BNA_P
ClientSampled :
TP-2

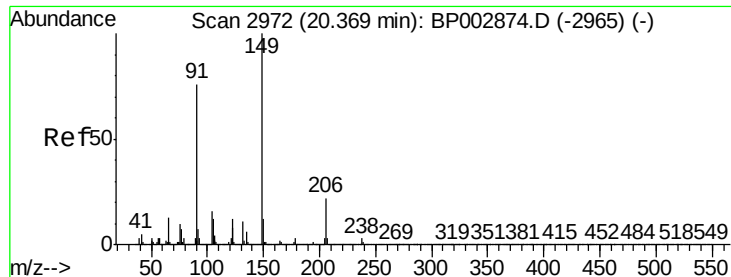
Tot Ion:240 Resp: 978945
Ion Ratio Lower Upper
240 100
120 9.3 8.9 13.3
236 26.1 20.3 30.5



#79
Terphenyl-d14
Concen: 74.208 ng
RT: 19.67 min Scan# 2853
Delta R.T. -0.02 min
Lab File: BP002937.D
Acq: 07 Aug 2020 18:01

Tgt Ion:244 Resp: 3628738
Ion Ratio Lower Upper
244 100
212 7.0 6.4 9.6
122 9.9 9.4 14.2

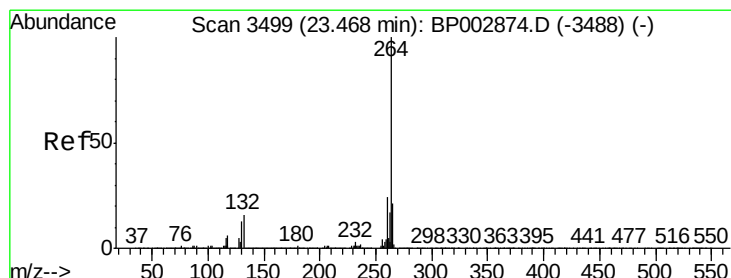
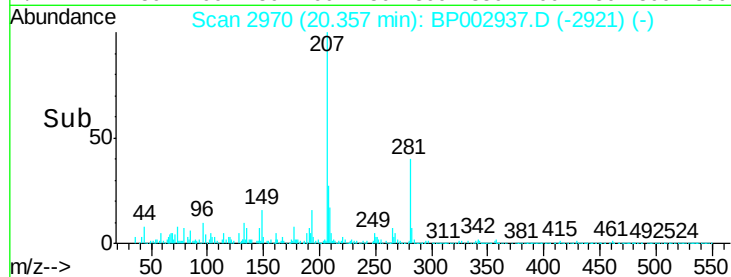
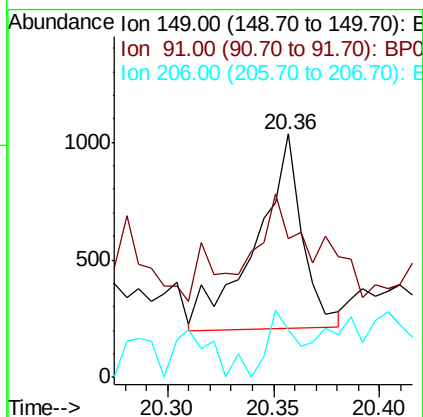
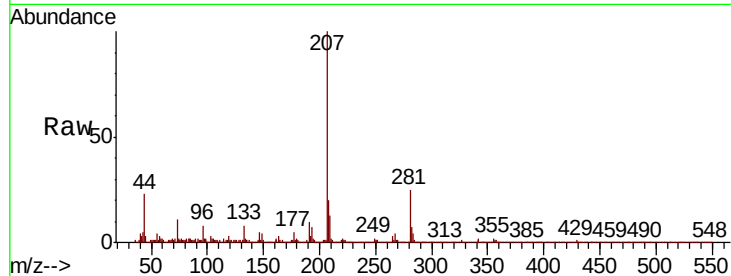




#80
Butylbenzylphthalate
Concen: 3.100 ng
RT: 20.36 min Scan# 2970
Delta R.T. -0.01 min
Lab File: BP002937.D
Acq: 07 Aug 2020 18:01

Instrument :
BNA_P
ClientSampleId :
TP-2

Tot Ion:149 Resp: 1258
Ion Ratio Lower Upper
149 100
91 56.9 60.5 90.7#
206 19.8 17.5 26.3



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.45 min Scan# 3495
Delta R.T. -0.02 min
Lab File: BP002937.D
Acq: 07 Aug 2020 18:01

Tgt Ion:264 Resp: 1235402
Ion Ratio Lower Upper
264 100
260 23.8 19.0 28.6
265 21.9 17.0 25.4

