

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP082020\
 Data File : BP003060.D
 Acq On : 20 Aug 2020 11:52
 Operator : CG/JU
 Sample : PB130977TB
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB130977TB

Quant Time: Aug 20 14:40:50 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	7.68	152	303058	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	1126190	20.00	ng	-0.01
39) Acenaphthene-d10	14.32	164	645842	20.00	ng	-0.01
64) Phenanthrene-d10	17.07	188	1124860	20.00	ng	-0.01
76) Chrysene-d12	21.16	240	993648	20.00	ng	-0.01
86) Perylene-d12	23.40	264	1066879	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.29	112	1766359	89.20	ng	0.00
7) Phenol-d6	6.86	99	2023800	73.62	ng	0.00
23) Nitrobenzene-d5	8.83	82	1198511	57.64	ng	0.00
42) 2,4,6-Tribromophenol	15.81	330	706503	88.01	ng	-0.01
45) 2-Fluorobiphenyl	12.94	172	3253532	68.83	ng	-0.01
79) Terphenyl-d14	19.65	244	3708911	74.73	ng	-0.01

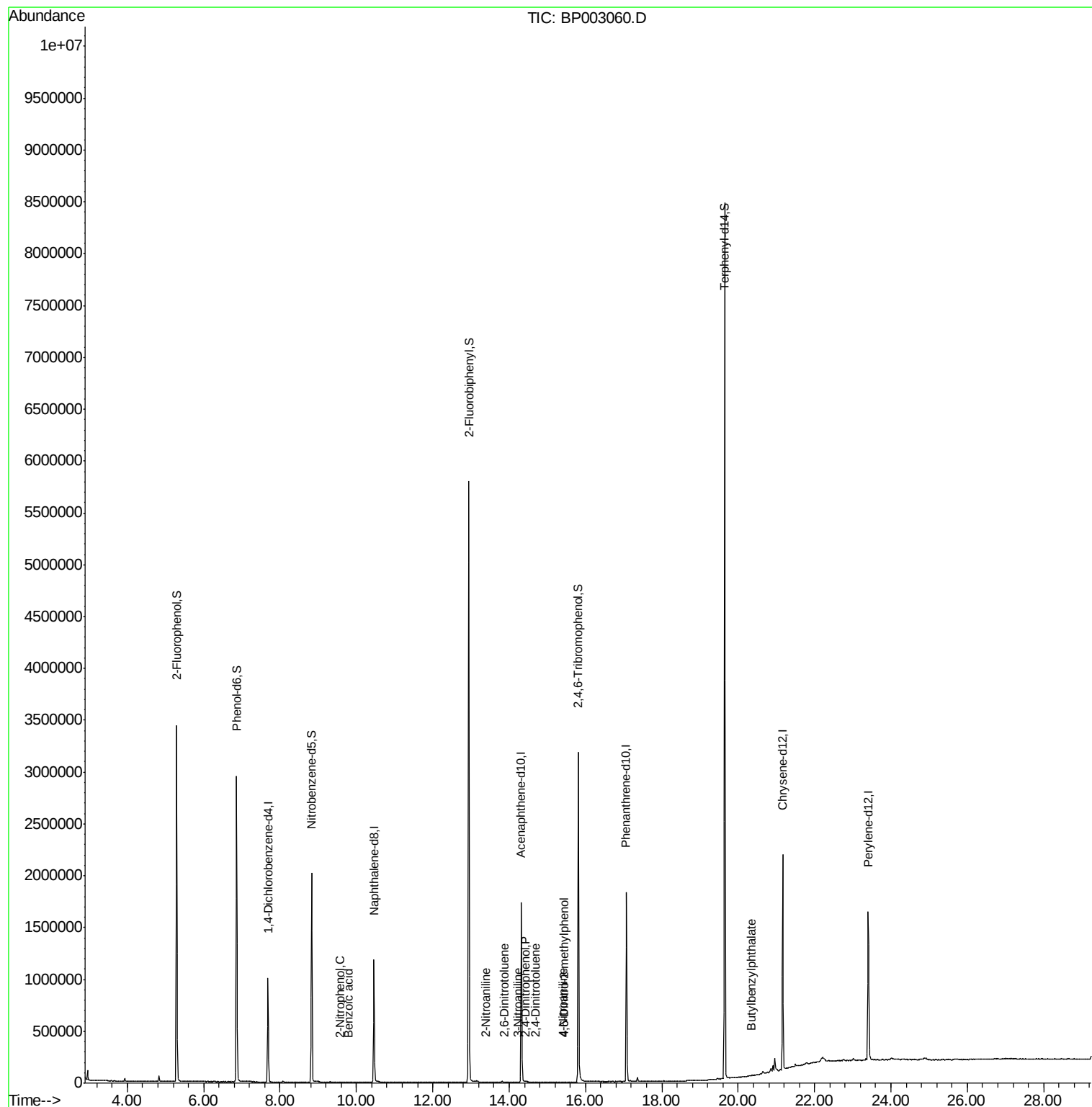
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
26) 2-Nitrophenol	9.58	139	36	4.524	ng	# 53
32) Benzoic acid	9.80	122	29	7.688	ng	# 1
48) 2-Nitroaniline	13.37	65	39	3.975	ng	# 4
51) 2,6-Dinitrotoluene	13.88	165	92	2.907	ng	# 39
53) 3-Nitroaniline	14.22	138	16	3.275	ng	# 38
54) 2,4-Dinitrophenol	14.43	184	6	8.058	ng	# 83
57) 2,4-Dinitrotoluene	14.69	165	152	3.815	ng	# 95
62) 4-Nitroaniline	15.42	138	22	2.418	ng	# 86
65) 4,6-Dinitro-2-methylphenol	15.43	198	12	6.902	ng	# 1
80) Butylbenzylphthalate	20.33	149	509	3.075	ng	93

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.68 min Scan# 815

Delta R.T. -0.01 min

Lab File: BP003060.D

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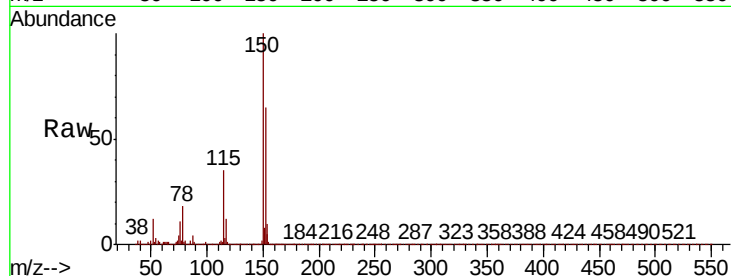
Tot Ion:152 Resp: 303058

Ion Ratio Lower Upper

152 100

150 153.3 126.1 189.1

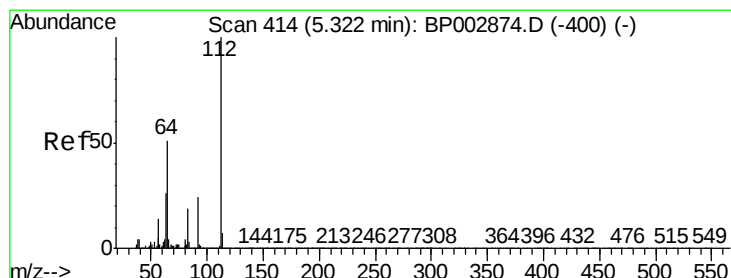
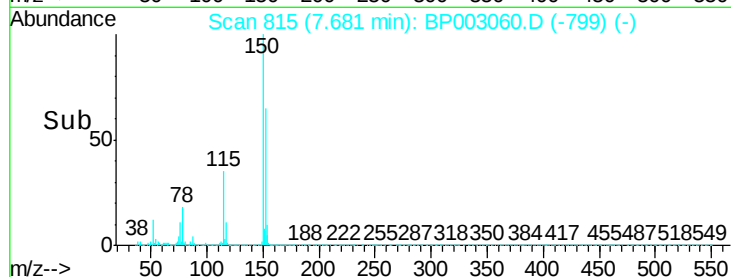
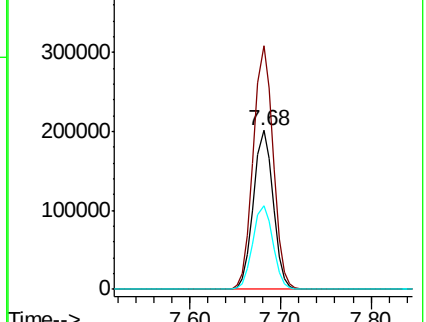
115 53.0 43.4 65.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 89.204 ng

RT: 5.29 min Scan# 409

Delta R.T. -0.00 min

Lab File: BP003060.D

Acq: 20 Aug 2020 11:52

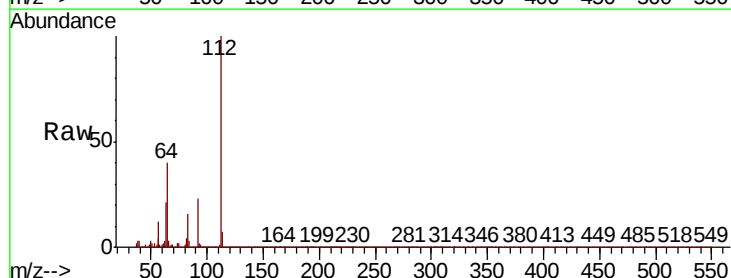
Tgt Ion:112 Resp: 1766359

Ion Ratio Lower Upper

112 100

64 39.8 33.4 50.2

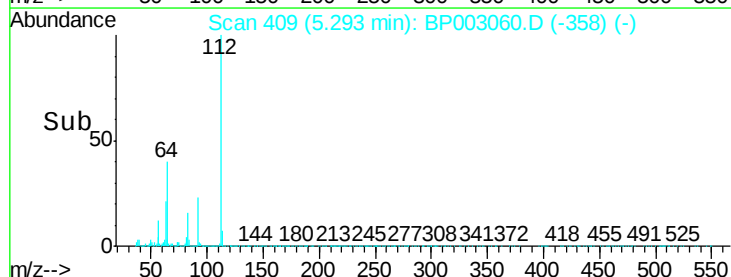
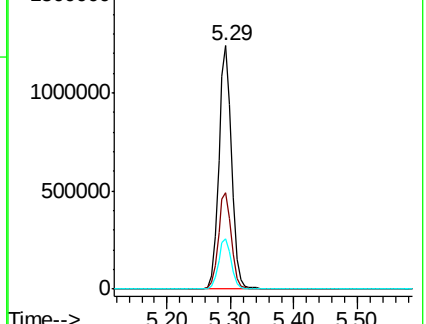
63 20.7 17.4 26.0

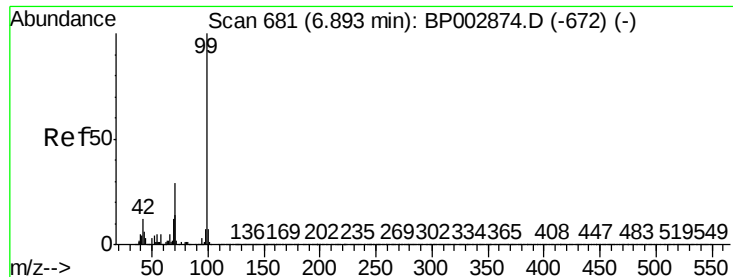


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0





#7

Phenol-d6

Concen: 73.615 ng

RT: 6.86 min Scan# 676

Delta R.T. -0.01 min

Lab File: BP003060.D

Acq: 20 Aug 2020 11:52

Instrument :

BNA_P

ClientSampleId :

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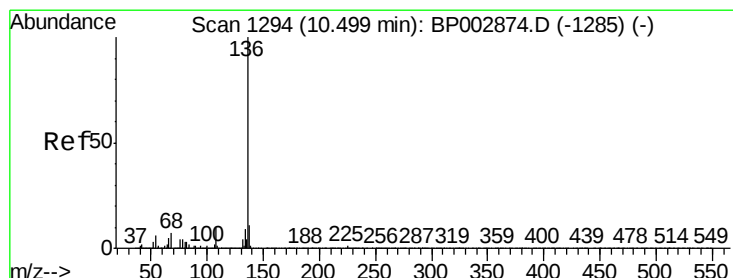
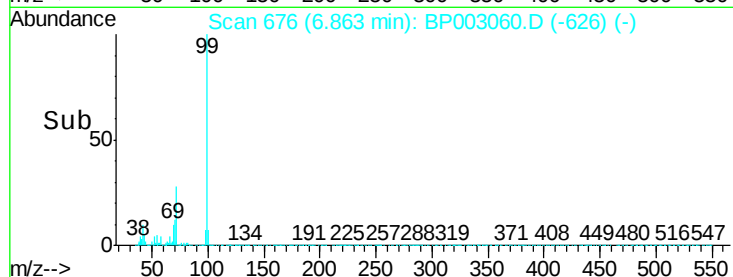
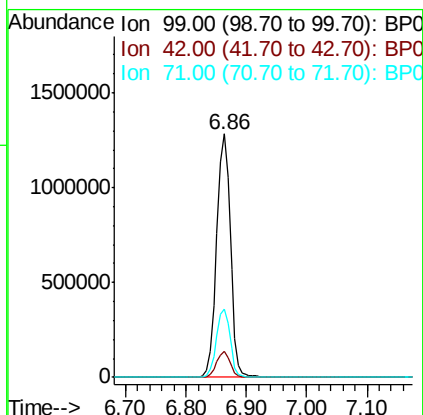
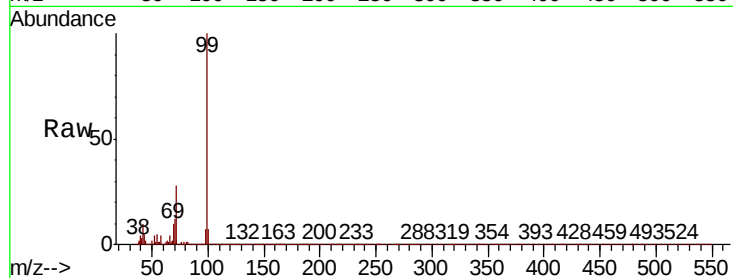
Tot Ion: 99 Resp: 2023800

Ion Ratio Lower Upper

99 100

42 10.5 8.0 12.0

71 28.1 21.3 31.9



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.46 min Scan# 1287

Delta R.T. -0.01 min

Lab File: BP003060.D

Acq: 20 Aug 2020 11:52

Tgt Ion: 136 Resp: 1126190

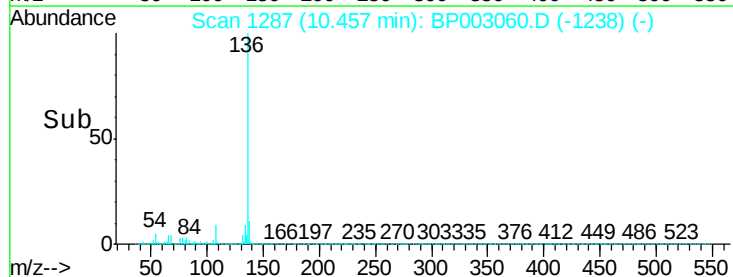
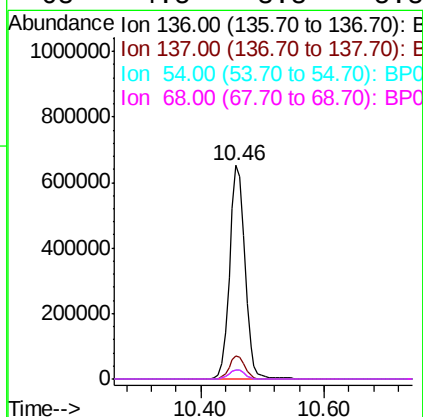
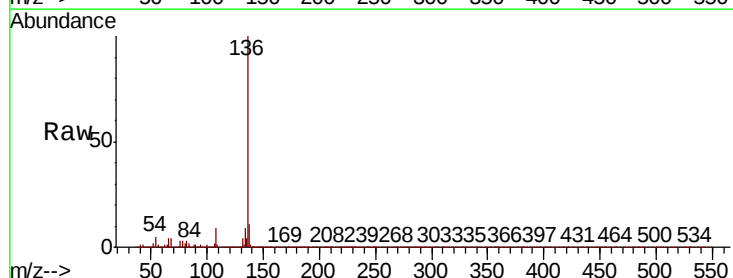
Ion Ratio Lower Upper

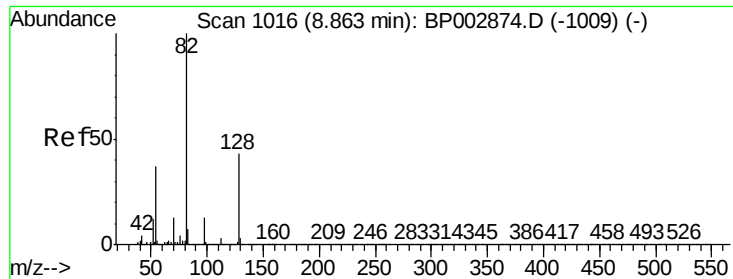
136 100

137 10.8 8.8 13.2

54 4.5 3.8 5.8

68 4.5 3.8 5.8

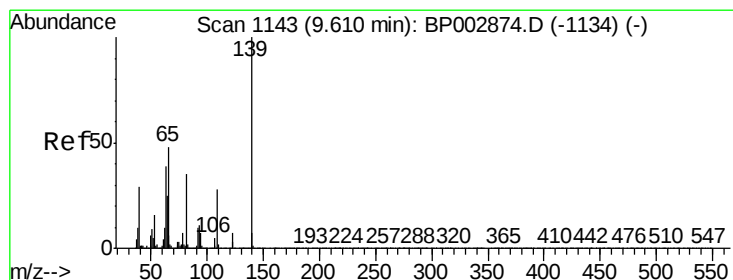
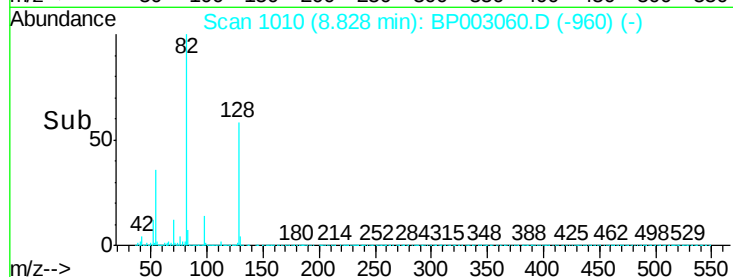
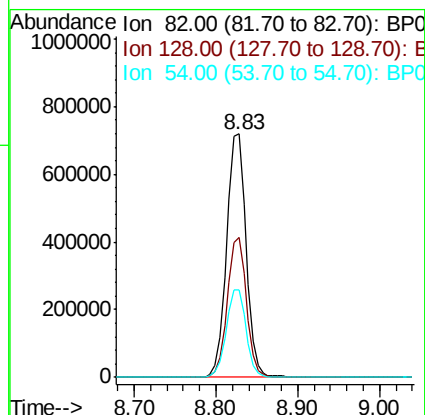
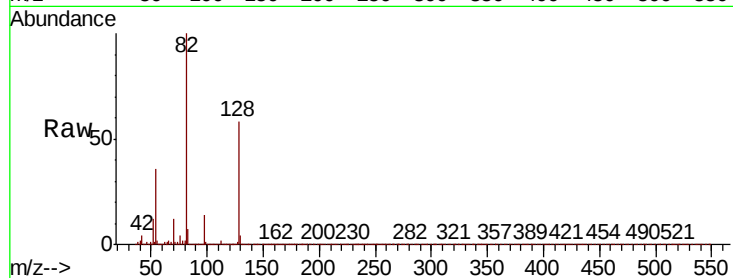




#23
 Nitrobenzene-d5
 Concen: 57.641 ng
 RT: 8.83 min Scan# 1010
 Delta R.T. -0.01 min
 Lab File: BP003060.D
 Acq: 20 Aug 2020 11:52

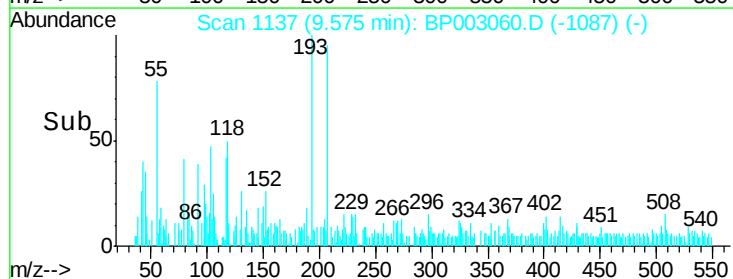
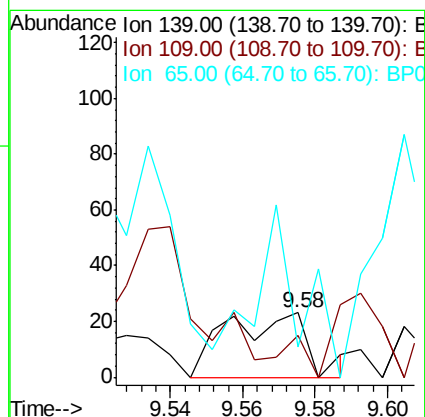
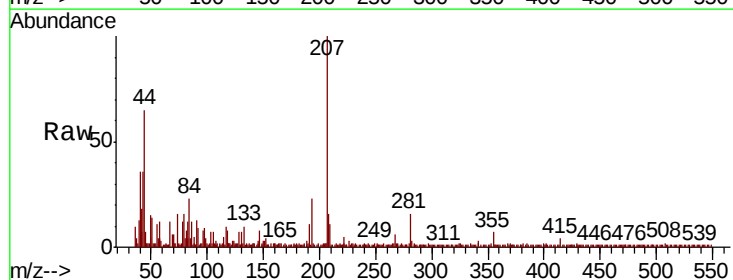
Instrument :
 BNA_P
 ClientSampleId :
 PB130977TB

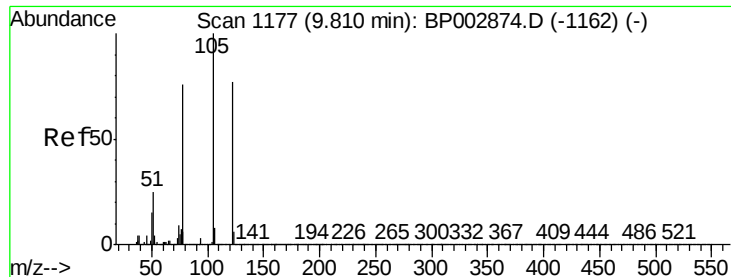
Tot Ion: 82 Resp: 1198511
 Ion Ratio Lower Upper
 82 100
 128 57.6 45.1 67.7
 54 36.1 28.8 43.2



#26
 2-Nitrophenol
 Concen: 4.524 ng
 RT: 9.58 min Scan# 1137
 Delta R.T. -0.01 min
 Lab File: BP003060.D
 Acq: 20 Aug 2020 11:52

Tgt Ion: 139 Resp: 36
 Ion Ratio Lower Upper
 139 100
 109 65.2 21.0 31.6#
 65 47.8 27.2 40.8#

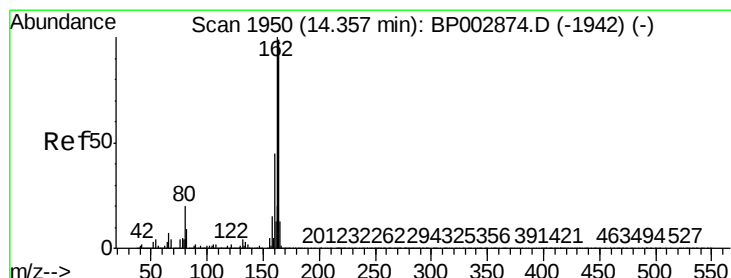
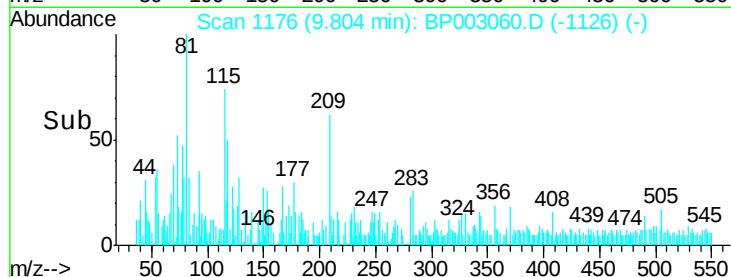
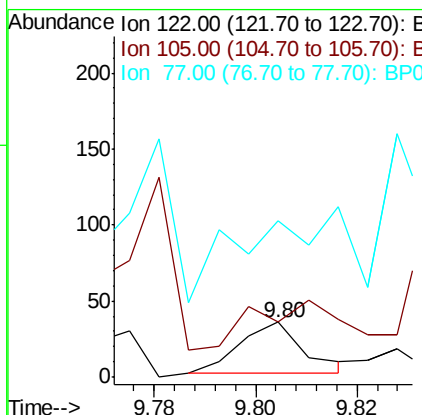
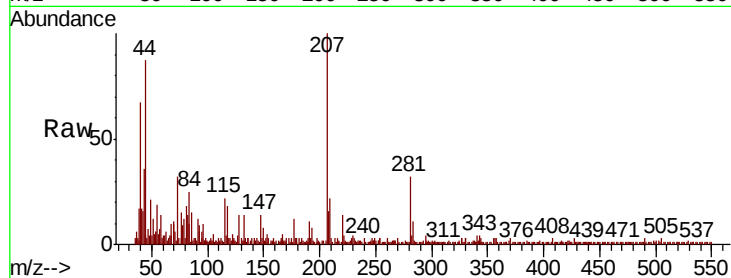




#32
Benzoic acid
Concen: 7.688 ng
RT: 9.80 min Scan# 1176
Delta R.T. -0.01 min
Lab File: BP003060.D
Acq: 20 Aug 2020 11:52

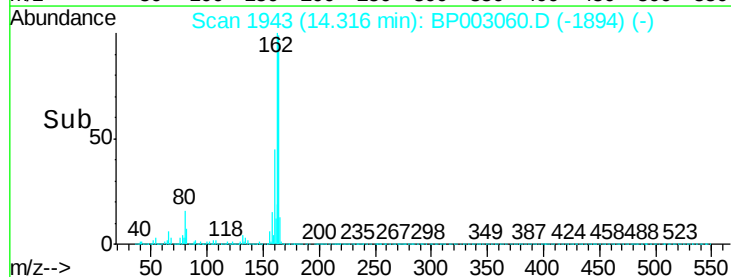
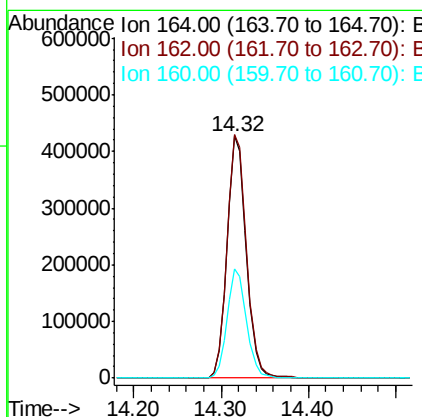
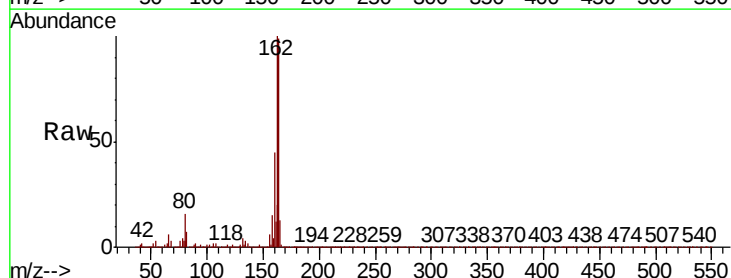
Instrument :
BNA_P
ClientSampleId :
PB130977TB

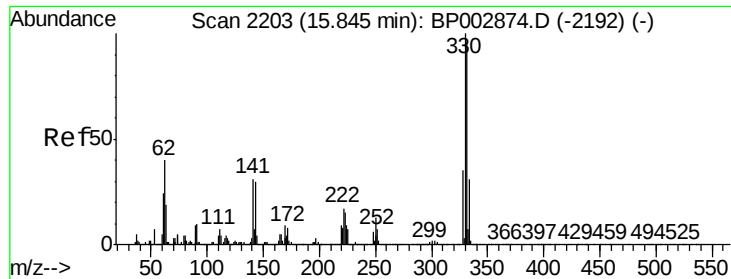
Tot Ion	Ratio	Lower	Upper
122	100		
105	100.0	96.2	136.2
77	455.6	55.6	95.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.32 min Scan# 1943
Delta R.T. -0.01 min
Lab File: BP003060.D
Acq: 20 Aug 2020 11:52

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.5	81.4	122.0
160	45.3	35.5	53.3

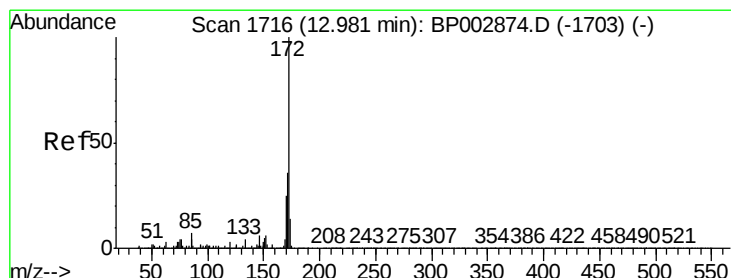
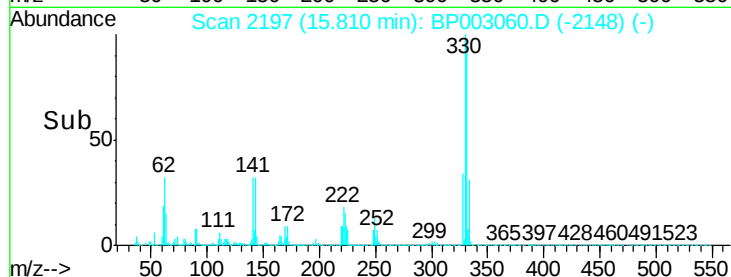
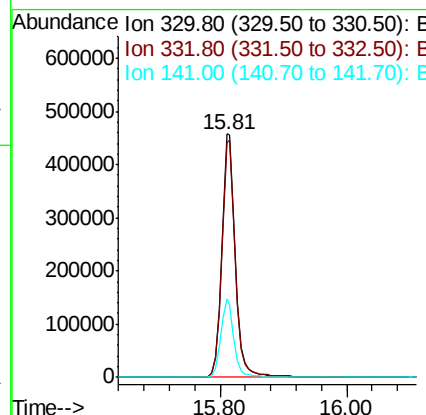
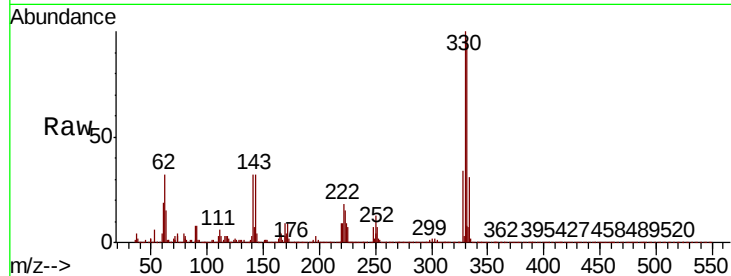




#42
2,4,6-Tribromophenol
Concen: 88.015 ng
RT: 15.81 min Scan# 2197
Delta R.T. -0.01 min
Lab File: BP003060.D
Acq: 20 Aug 2020 11:52

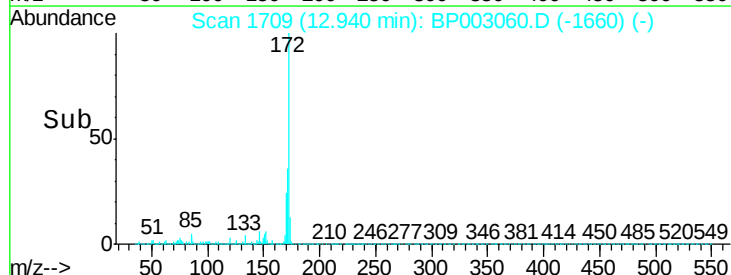
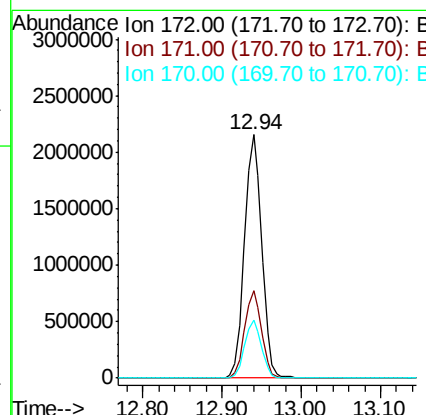
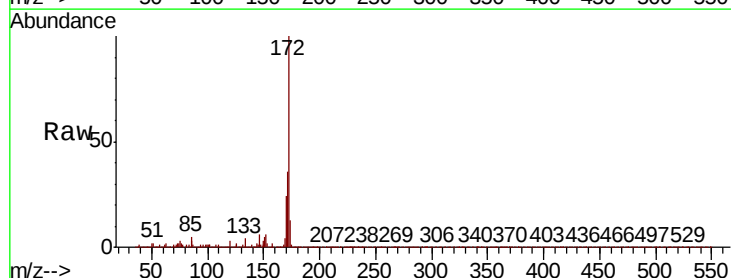
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ClientSampleId :
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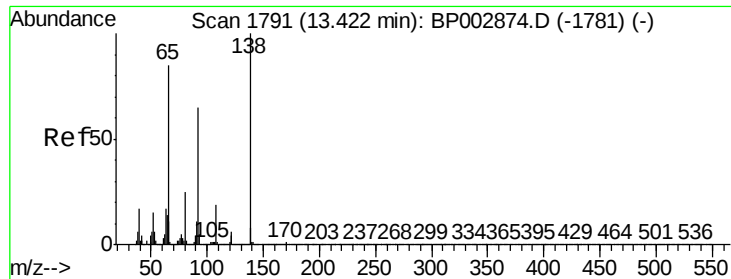
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.0	115.6
141	31.7	26.7	40.1



#45
2-Fluorobiphenyl
Concen: 68.829 ng
RT: 12.94 min Scan# 1709
Delta R.T. -0.01 min
Lab File: BP003060.D
Acq: 20 Aug 2020 11:52

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.0	43.4
170	23.6	19.1	28.7





#48

2-Nitroaniline

Concen: 3.975 ng

RT: 13.37 min Scan# 1783

Delta R.T. -0.02 min

Lab File: BP003060.D

Acq: 20 Aug 2020 11:52

Instrument :

BNA_P

ClientSampleId :

PB130977TB

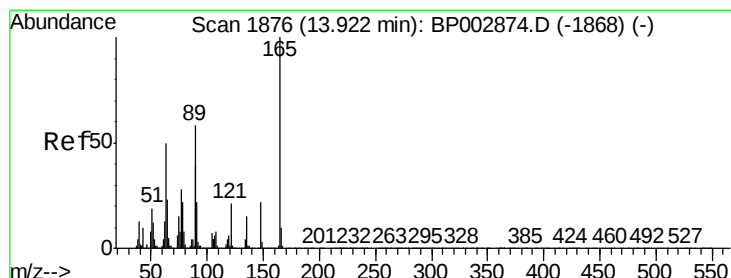
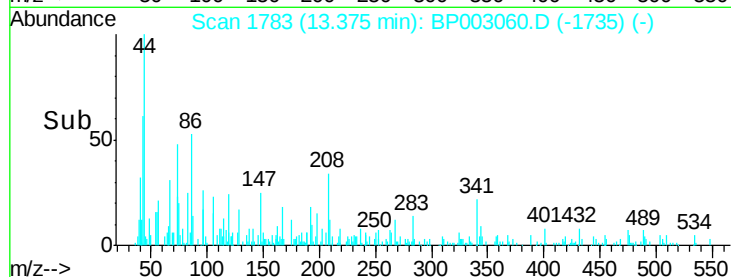
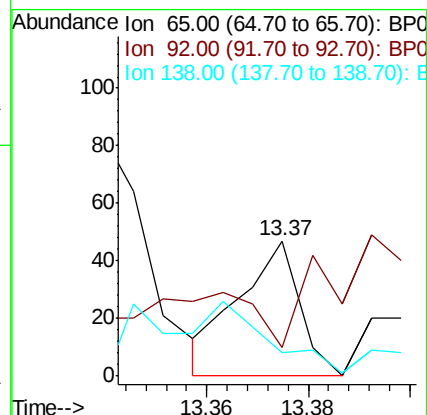
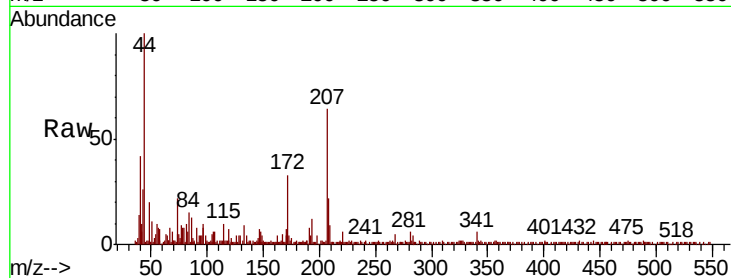
Tot Ion: 65 Resp: 39

Ion Ratio Lower Upper

65 100

92 21.3 70.1 105.1#

138 17.0 129.7 194.5#



#51

2,6-Dinitrotoluene

Concen: 2.907 ng

RT: 13.88 min Scan# 1869

Delta R.T. -0.02 min

Lab File: BP003060.D

Acq: 20 Aug 2020 11:52

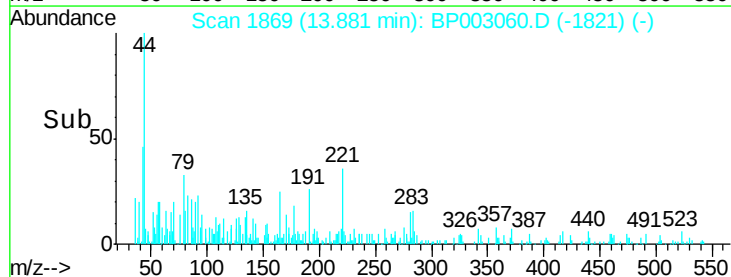
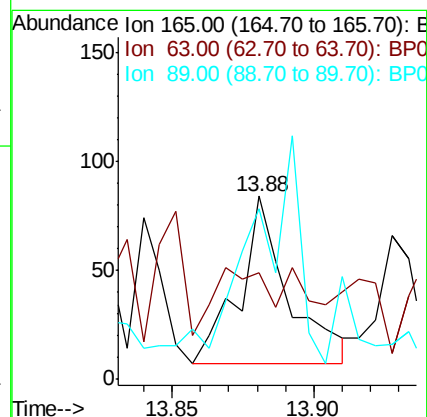
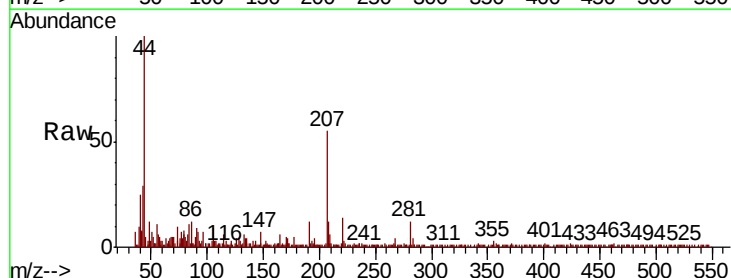
Tgt Ion: 165 Resp: 92

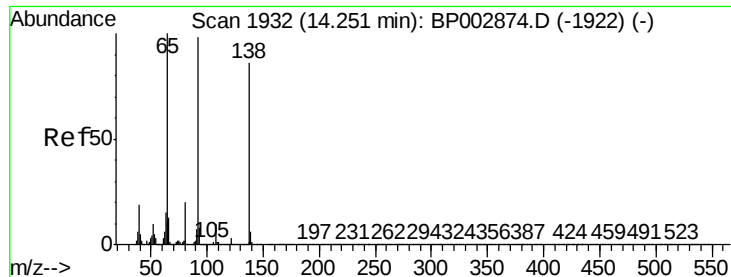
Ion Ratio Lower Upper

165 100

63 58.3 28.1 42.1#

89 92.9 34.5 51.7#





#53

3-Nitroaniline

Concen: 3.275 ng

RT: 14.22 min Scan# 1927

Delta R.T. -0.01 min

Lab File: BP003060.D

Acq: 20 Aug 2020 11:52

Instrument :

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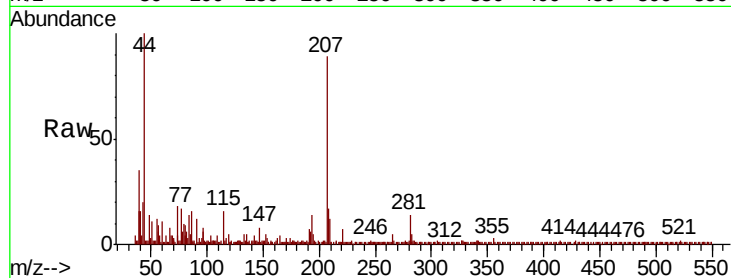
Tot Ion:138 Resp: 16

Ion Ratio Lower Upper

138 100

108 84.8 7.7 11.5#

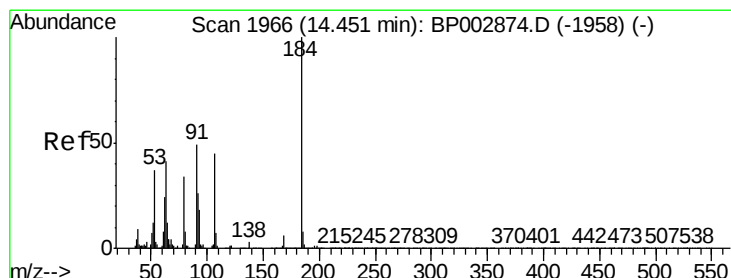
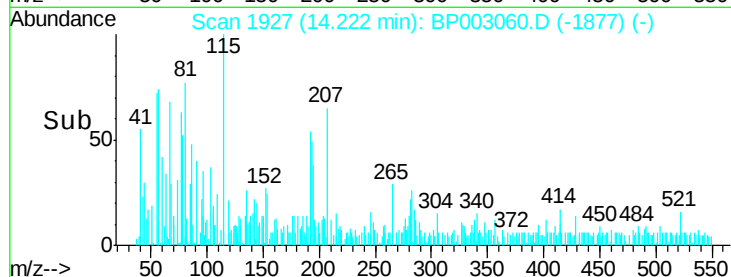
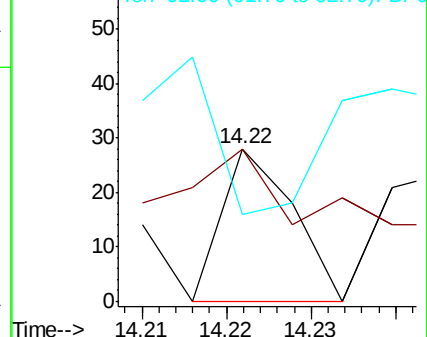
92 48.5 75.6 113.4#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BP0



#54

2,4-Dinitrophenol

Concen: 8.058 ng

RT: 14.43 min Scan# 1962

Delta R.T. -0.01 min

Lab File: BP003060.D

Acq: 20 Aug 2020 11:52

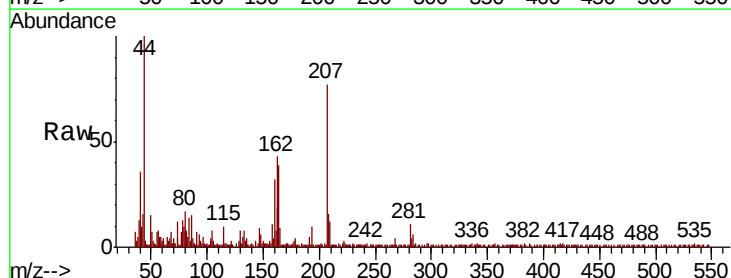
Tgt Ion:184 Resp: 6

Ion Ratio Lower Upper

184 100

63 60.7 33.0 49.6#

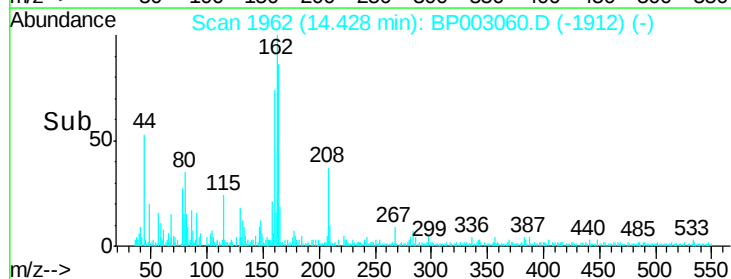
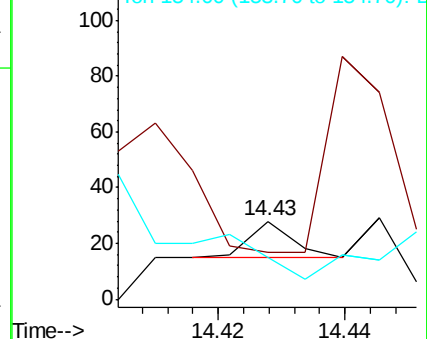
154 53.6 46.8 70.2

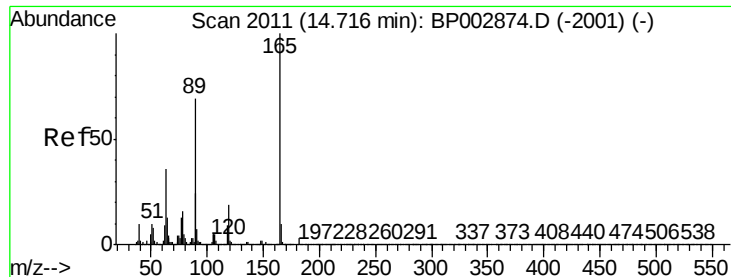


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BP0

Ion 154.00 (153.70 to 154.70): E

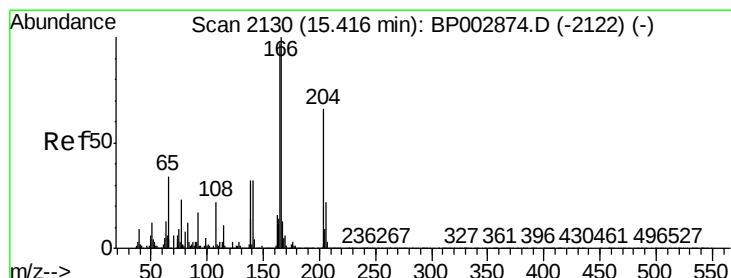
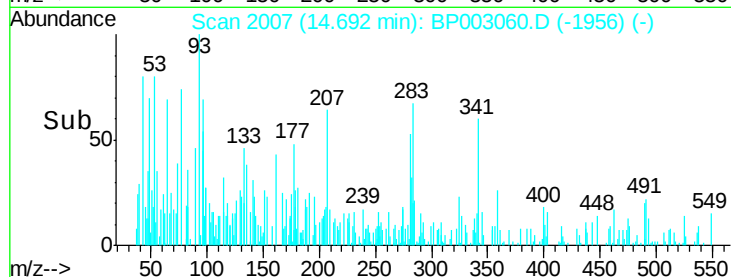
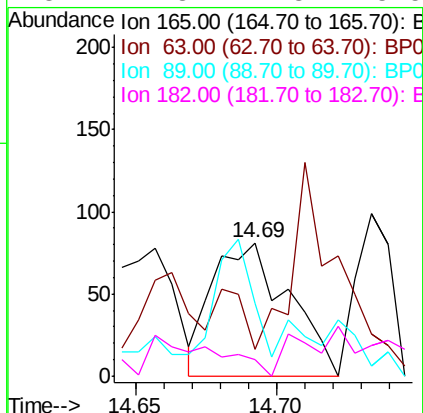
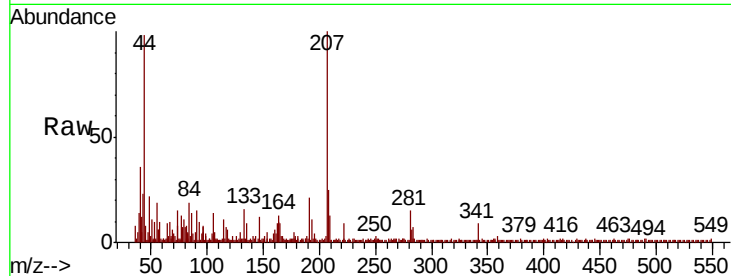




#57
2,4-Dinitrotoluene
Concen: 3.815 ng
RT: 14.69 min Scan# 2007
Delta R.T. -0.00 min
Lab File: BP003060.D
Acq: 20 Aug 2020 11:52

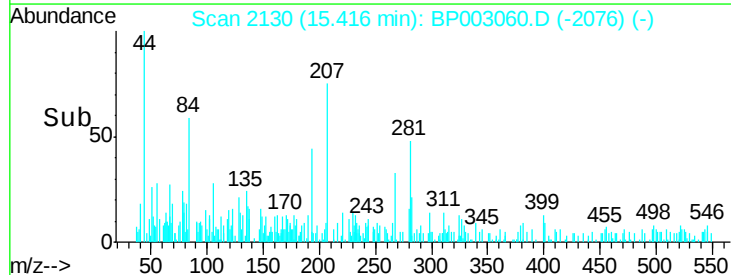
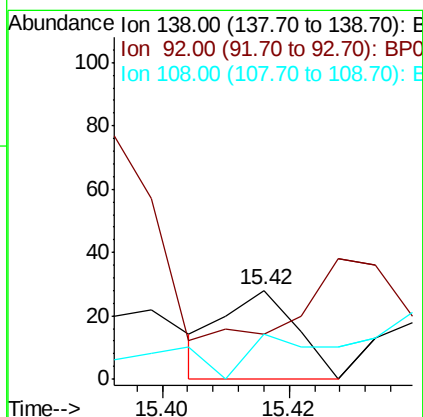
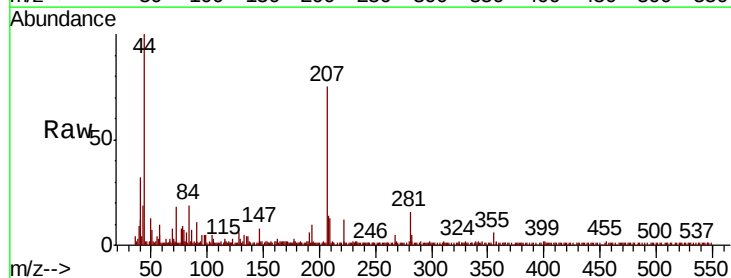
Instrument :
BNA_P
ClientSampled :
PB130977TB

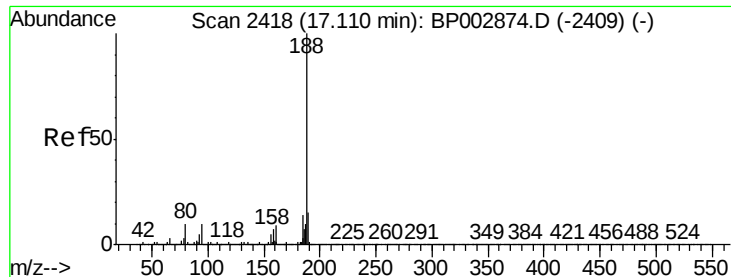
Tot Ion:165	Resp:	152
Ion	Ratio	Lower Upper
165	100	
63	19.8	20.6 31.0#
89	54.3	43.4 65.0
182	12.3	2.3 3.5#



#62
4-Nitroaniline
Concen: 2.418 ng
RT: 15.42 min Scan# 2130
Delta R.T. 0.02 min
Lab File: BP003060.D
Acq: 20 Aug 2020 11:52

Tgt Ion:138	Resp:	22
Ion	Ratio	Lower Upper
138	100	
92	50.0	21.4 61.4
108	50.0	40.8 80.8

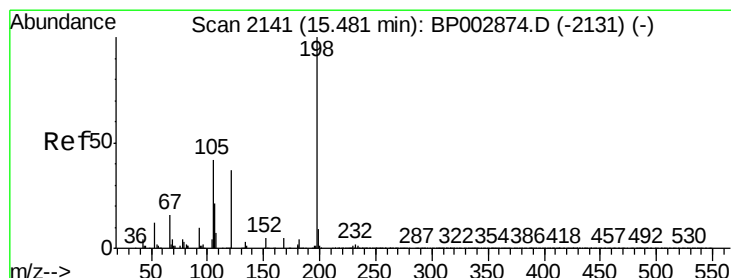
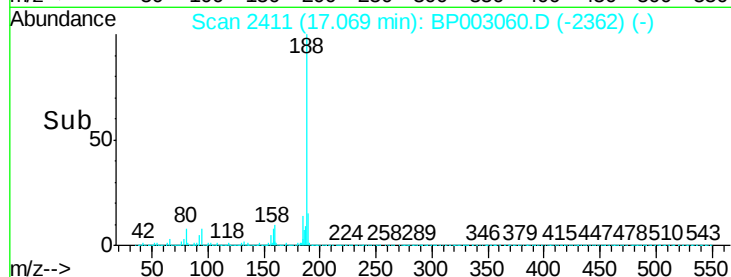
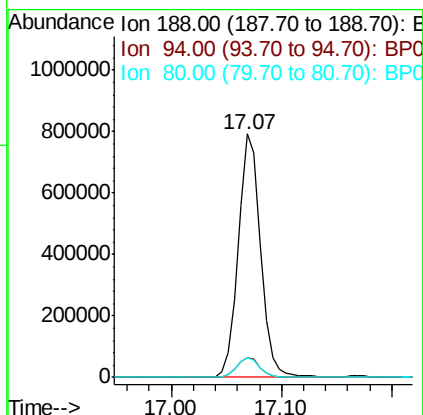
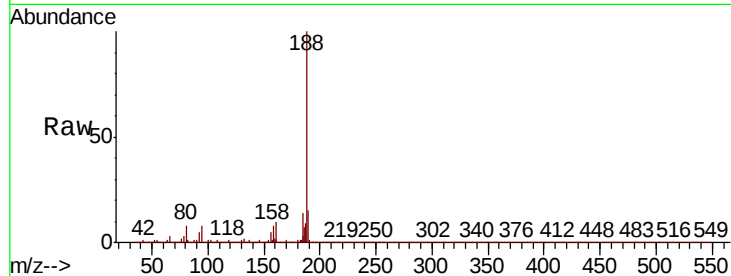




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.07 min Scan# 2411
Delta R.T. -0.01 min
Lab File: BP003060.D
Acq: 20 Aug 2020 11:52

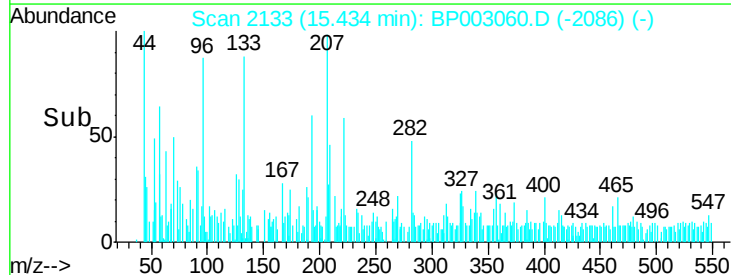
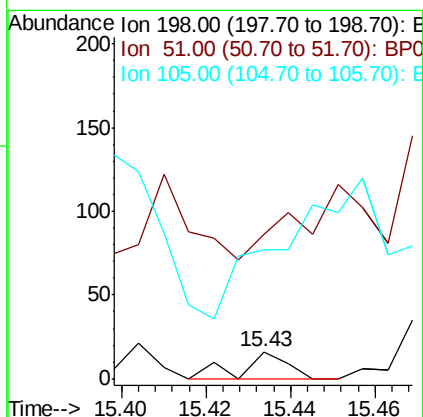
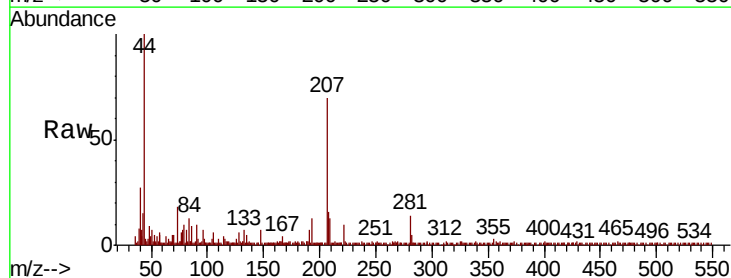
Instrument :
BNA_P
ClientSampleId :
PB130977TB

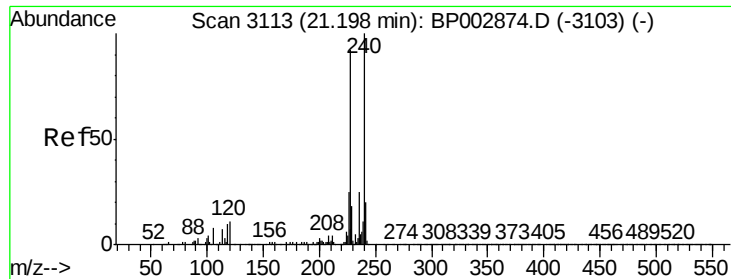
Tot Ion:188 Resp: 1124860
Ion Ratio Lower Upper
188 100
94 8.2 7.1 10.7
80 8.2 6.7 10.1



#65
4,6-Dinitro-2-methylphenol
Concen: 6.902 ng
RT: 15.43 min Scan# 2133
Delta R.T. -0.02 min
Lab File: BP003060.D
Acq: 20 Aug 2020 11:52

Tgt Ion:198 Resp: 12
Ion Ratio Lower Upper
198 100
51 537.5 6.2 46.2#
105 481.3 19.9 59.9#

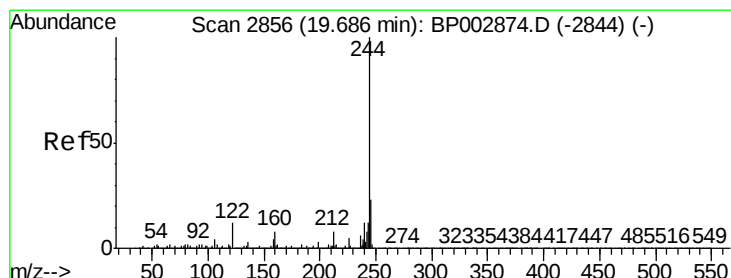
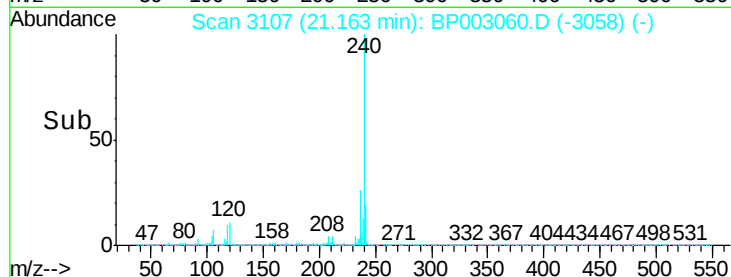
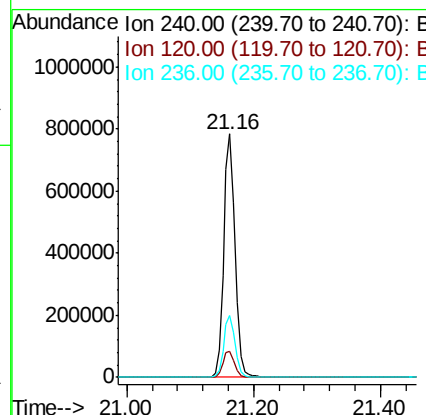
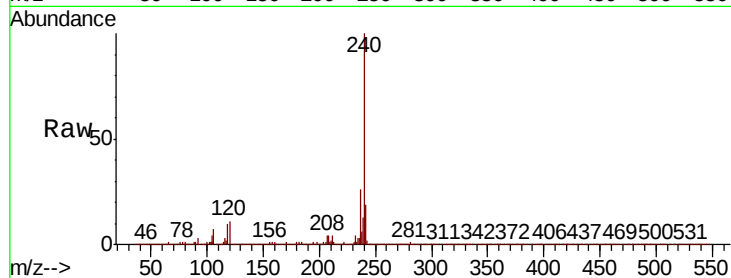




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.16 min Scan# 3107
 Delta R.T. -0.01 min
 Lab File: BP003060.D
 Acq: 20 Aug 2020 11:52

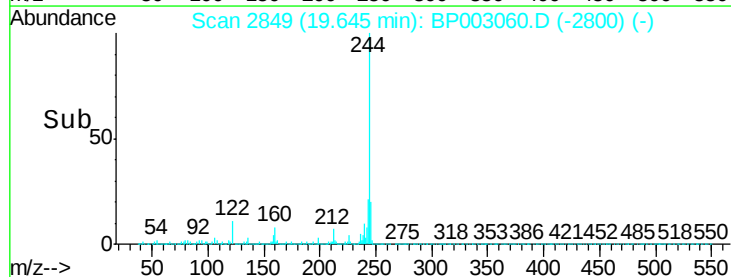
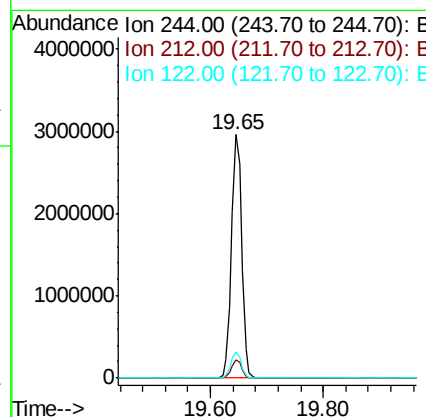
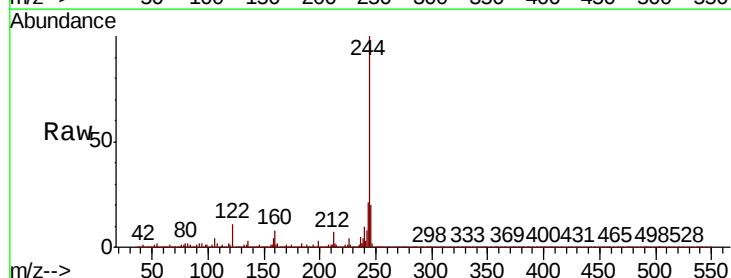
Instrument :
 BNA_P
 ClientSampleId :
 PB130977TB

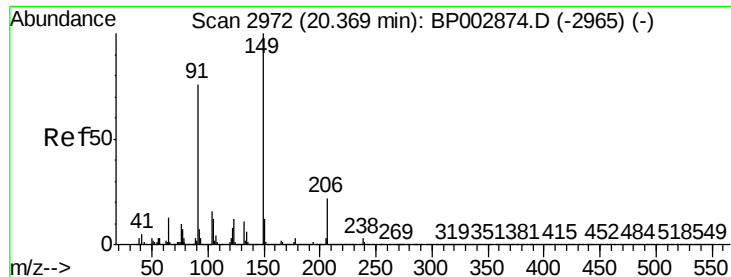
Tot Ion:240 Resp: 993648
 Ion Ratio Lower Upper
 240 100
 120 10.8 9.5 14.3
 236 25.6 20.8 31.2



#79
 Terphenyl-d14
 Concen: 74.725 ng
 RT: 19.65 min Scan# 2849
 Delta R.T. -0.01 min
 Lab File: BP003060.D
 Acq: 20 Aug 2020 11:52

Tgt Ion:244 Resp: 3708911
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.3 9.5
 122 10.6 8.7 13.1

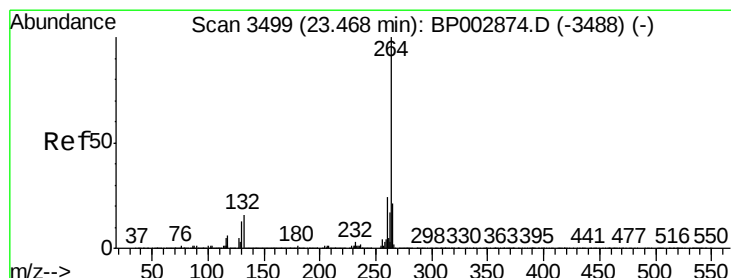
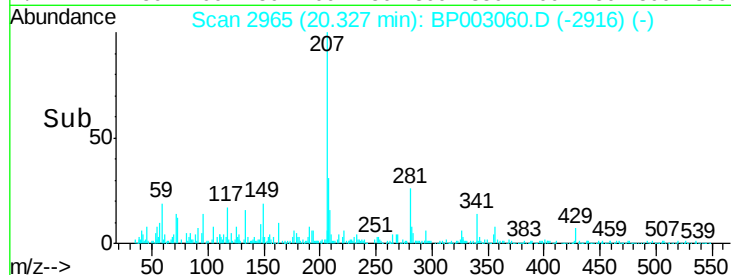
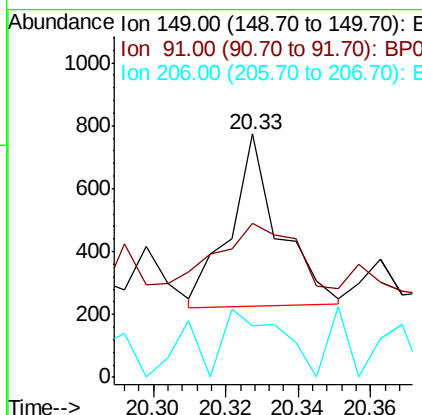
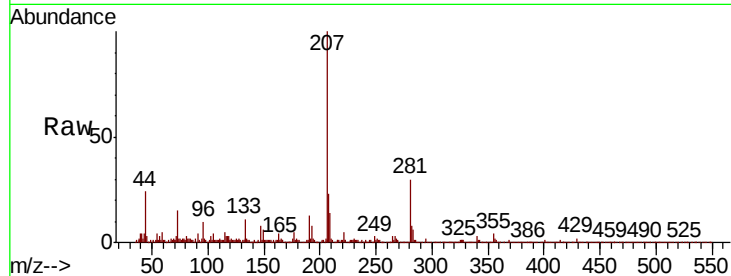




#80
Butylbenzylphthalate
Concen: 3.075 ng
RT: 20.33 min Scan# 2965
Delta R.T. -0.01 min
Lab File: BP003060.D
Acq: 20 Aug 2020 11:52

Instrument :
BNA_P
ClientSampleId :
PB130977TB

Tot Ion:149 Resp: 509
Ion Ratio Lower Upper
149 100
91 63.2 45.3 67.9
206 21.2 17.5 26.3



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.40 min Scan# 3488
Delta R.T. -0.02 min
Lab File: BP003060.D
Acq: 20 Aug 2020 11:52

Tgt Ion:264 Resp: 1066879
Ion Ratio Lower Upper
264 100
260 23.4 19.2 28.8
265 22.0 17.3 25.9

