

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP081420\
 Data File : BP002983.D
 Acq On : 14 Aug 2020 14:13
 Operator : CG/JU
 Sample : L3648-07
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BS-STOCK-4

Quant Time: Aug 14 15:57:40 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP073020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 11 17:14:14 2020
 Response via : Initial Calibration

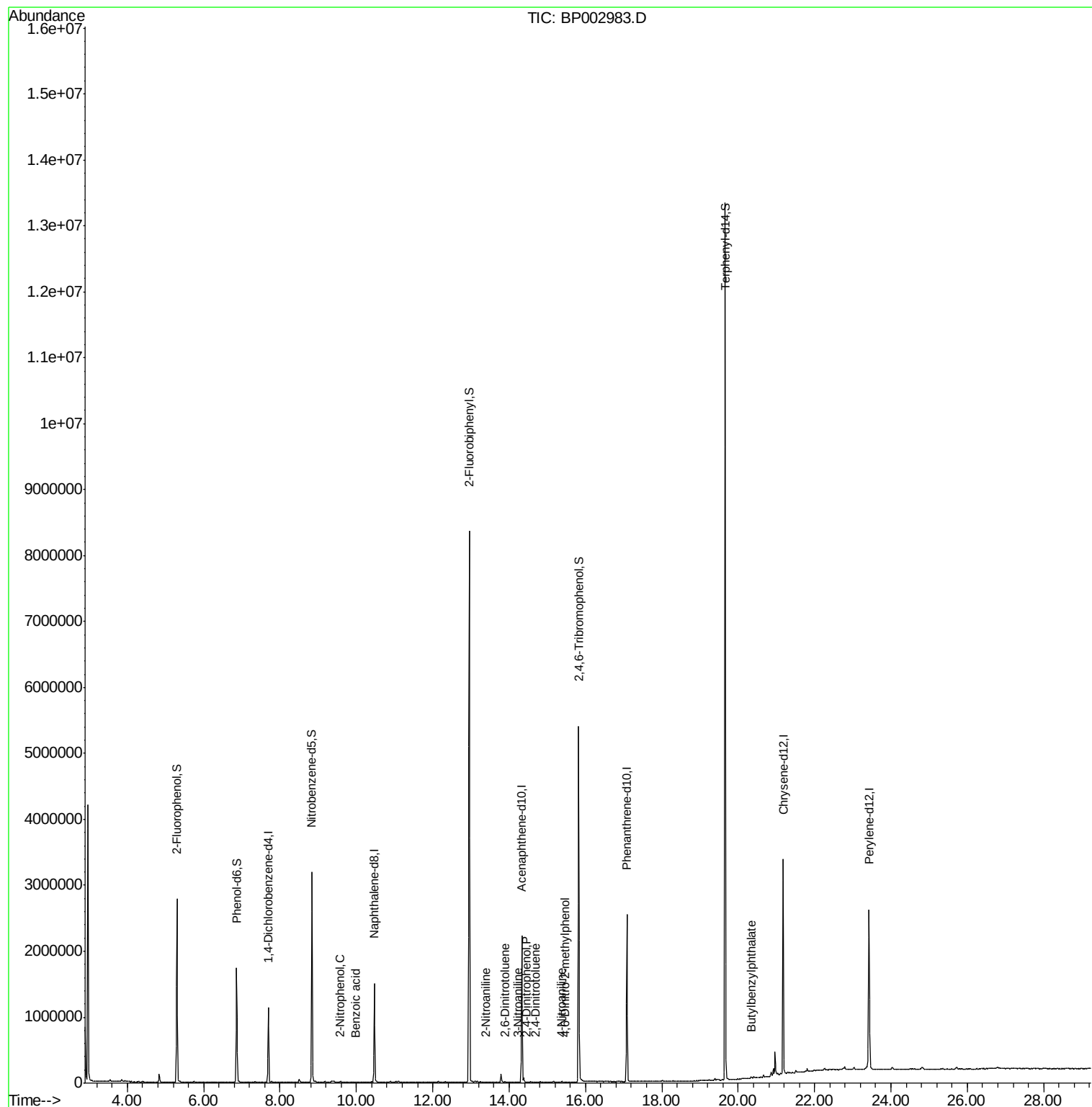
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	348339	20.00	ng	-0.01
21) Naphthalene-d8	10.47	136	1362174	20.00	ng	-0.01
39) Acenaphthene-d10	14.33	164	745423	20.00	ng	-0.01
64) Phenanthrene-d10	17.08	188	1485638	20.00	ng	-0.01
76) Chrysene-d12	21.17	240	1497713	20.00	ng	0.00
86) Perylene-d12	23.42	264	1643911	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	1397077	61.38	ng	0.00
7) Phenol-d6	6.86	99	1160020	36.71	ng	-0.02
23) Nitrobenzene-d5	8.83	82	1849655	73.55	ng	-0.01
42) 2,4,6-Tribromophenol	15.82	330	1087952	117.43	ng	-0.01
45) 2-Fluorobiphenyl	12.95	172	4680964	85.80	ng	-0.01
79) Terphenyl-d14	19.66	244	5795302	77.46	ng	-0.01
Target Compounds						
26) 2-Nitrophenol	9.59	139	18	4.522	ng	# 1
32) Benzoic acid	9.99	122	89	7.692	ng	# 87
48) 2-Nitroaniline	13.39	65	153	3.983	ng	# 27
51) 2,6-Dinitrotoluene	13.89	165	596	2.942	ng	# 72
53) 3-Nitroaniline	14.23	138	64	3.278	ng	# 72
54) 2,4-Dinitrophenol	14.45	184	2	8.058	ng	# 1
57) 2,4-Dinitrotoluene	14.70	165	99	3.811	ng	# 46
62) 4-Nitroaniline	15.37	138	100	2.423	ng	# 77
65) 4,6-Dinitro-2-methylphenol	15.46	198	8	6.901	ng	# 1
80) Butylbenzylphthalate	20.34	149	4629	3.160	ng	100

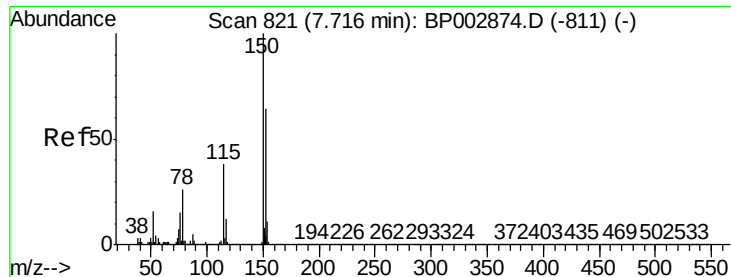
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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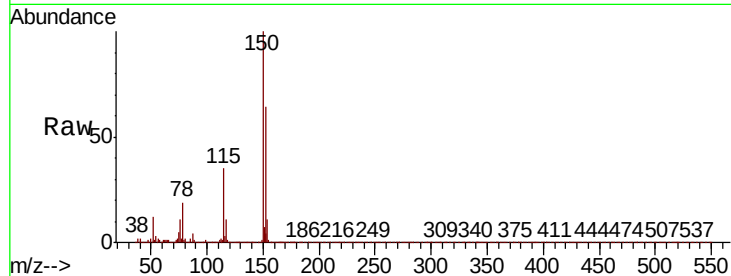


#1

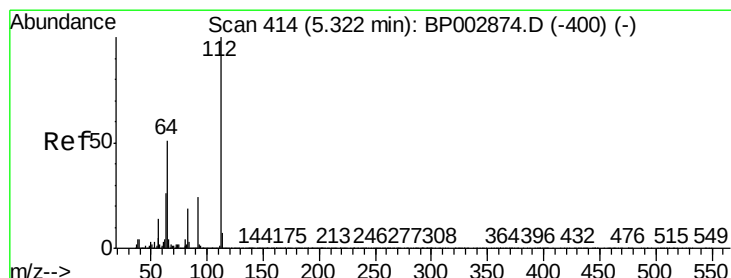
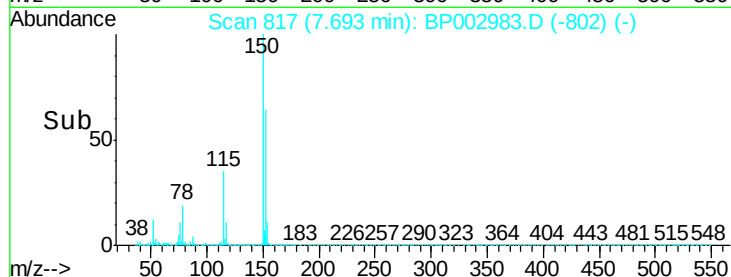
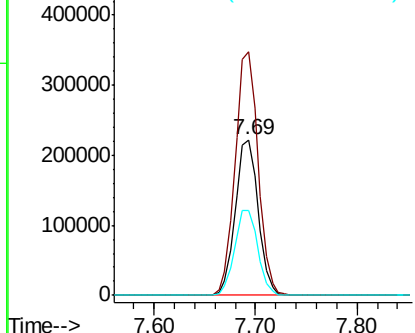
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.69 min Scan# 817
Delta R.T. -0.01 min
Lab File: BP002983.D
Acq: 14 Aug 2020 14:13

Instrument :
BNA_P
ClientSampleId :
BS-STOCK-4

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.4	124.2	186.4
115	54.4	42.1	63.1



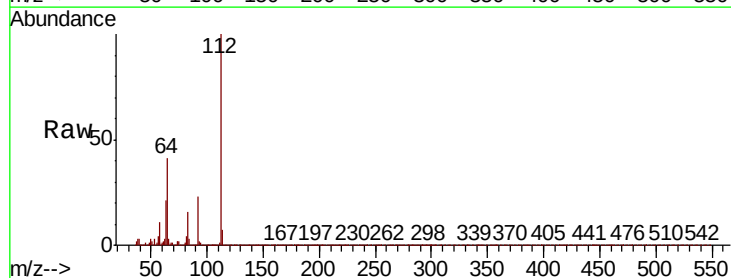
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



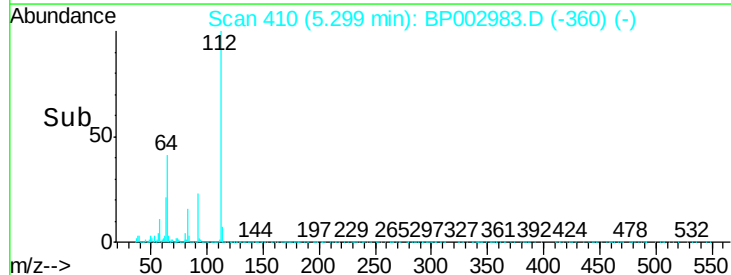
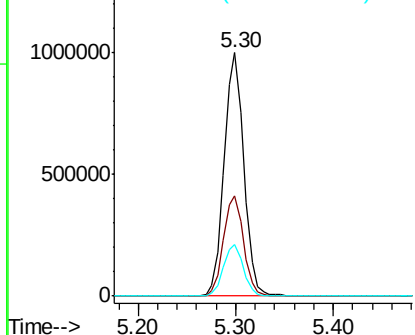
#5

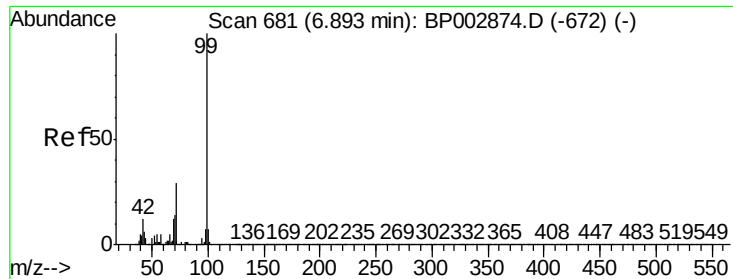
2-Fluorophenol
Concen: 61.383 ng
RT: 5.30 min Scan# 410
Delta R.T. -0.01 min
Lab File: BP002983.D
Acq: 14 Aug 2020 14:13

Tgt Ion	Ratio	Lower	Upper
112	100		
64	41.4	33.8	50.8
63	21.0	17.2	25.8



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: 36.710 ng

RT: 6.86 min Scan# 676

Delta R.T. -0.02 min

Lab File: BP002983.D

Acq: 14 Aug 2020 14:13

Instrument :

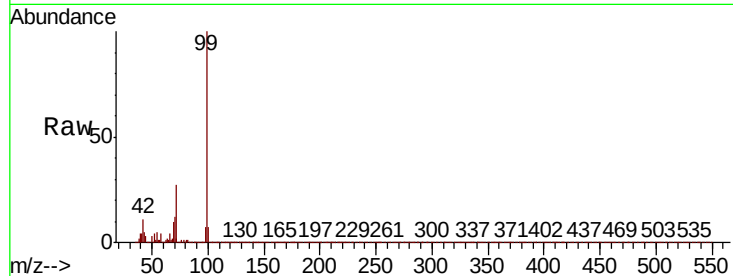
BNA_P

ClientSampleId :

BS-STOCK-4

Tot Ion: 99 Resp: 1160020

Ion	Ratio	Lower	Upper
99	100		
42	10.5	8.1	12.1
71	27.0	21.0	31.4

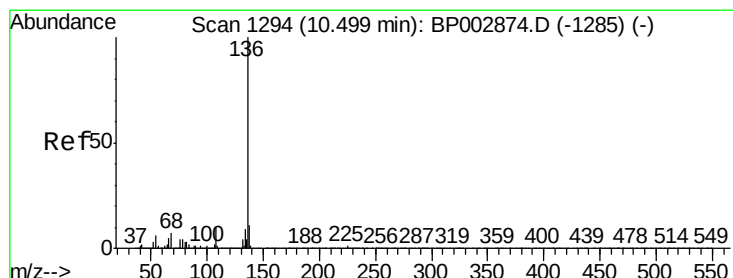
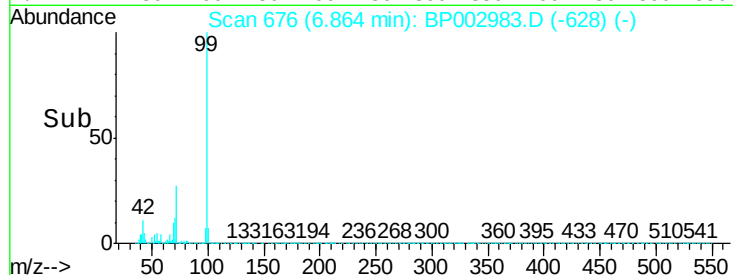
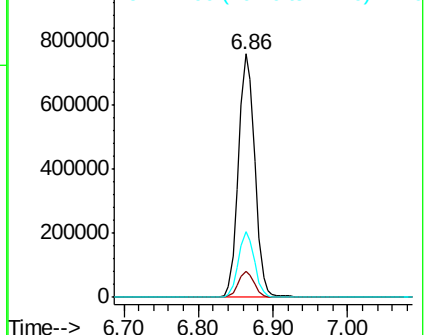


Abundance

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: 10.47 min Scan# 1289

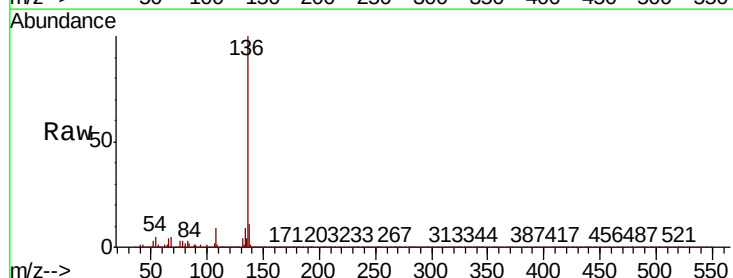
Delta R.T. -0.01 min

Lab File: BP002983.D

Acq: 14 Aug 2020 14:13

Tgt Ion: 136 Resp: 1362174

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.4
54	4.8	3.9	5.9
68	4.8	3.8	5.8



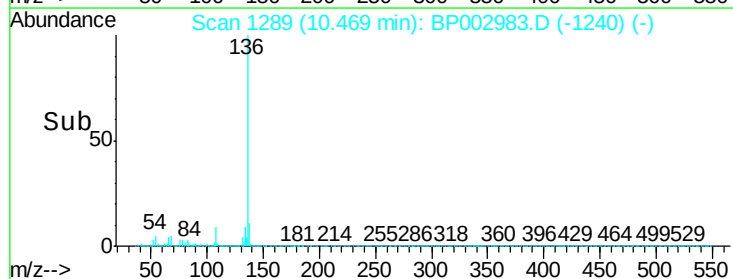
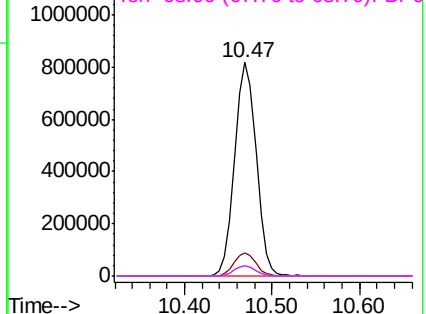
Abundance

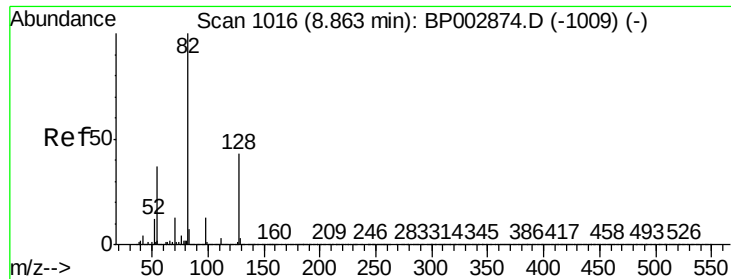
Ion 136.00 (135.70 to 136.70): E

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

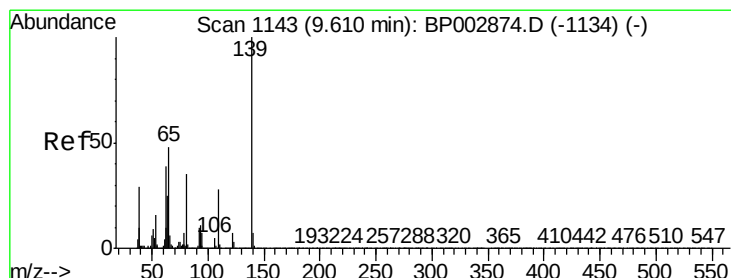
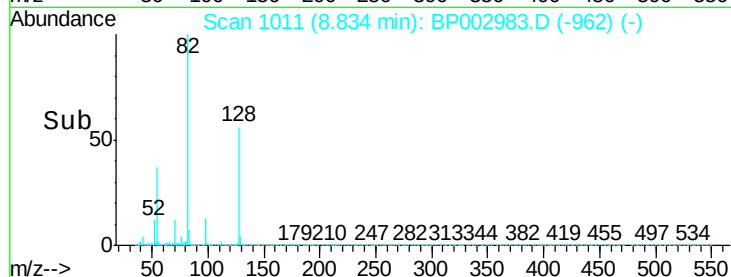
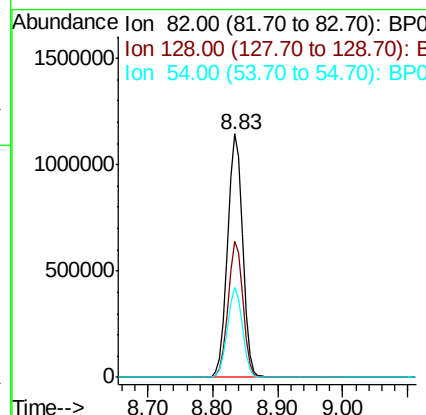
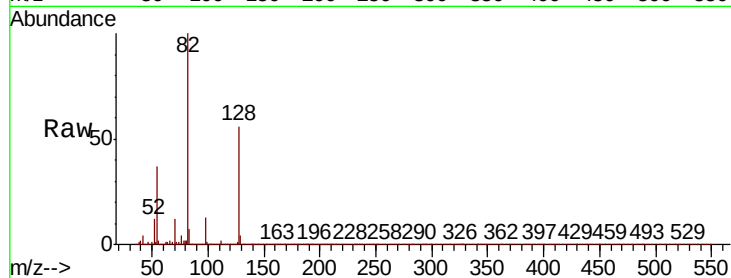




#23
Nitrobenzene-d5
Concen: 73.545 ng
RT: 8.83 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BP002983.D
Acq: 14 Aug 2020 14:13

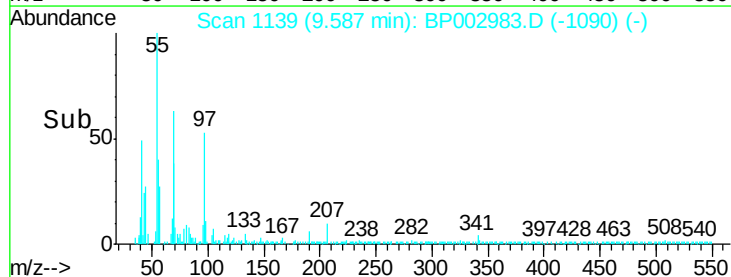
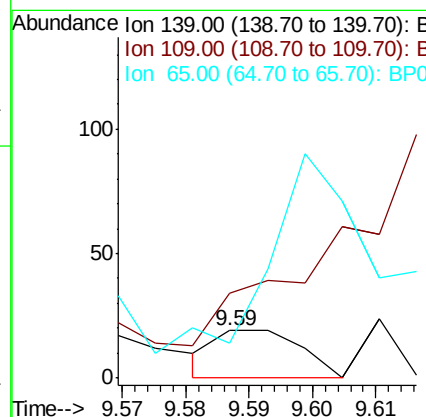
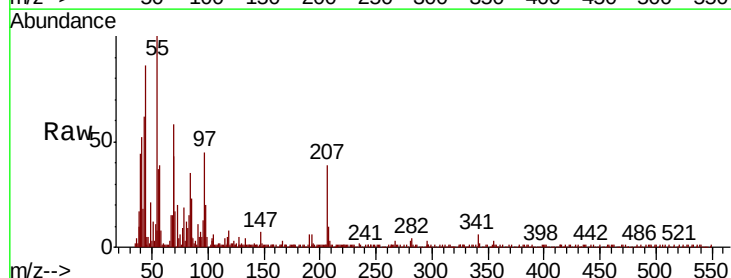
Instrument :
BNA_P
ClientSampleId :
BS-STOCK-4

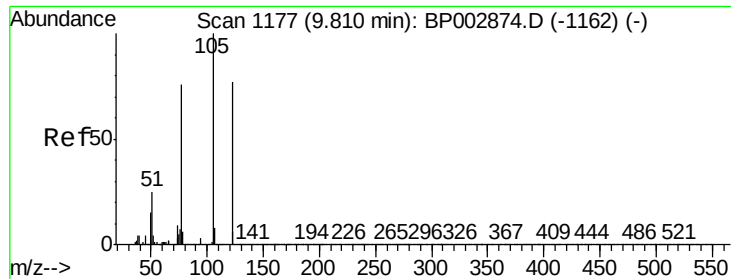
Tot Ion: 82 Resp: 1849655
Ion Ratio Lower Upper
82 100
128 56.1 44.6 66.8
54 36.8 29.2 43.8



#26
2-Nitrophenol
Concen: 4.522 ng
RT: 9.59 min Scan# 1139
Delta R.T. -0.01 min
Lab File: BP002983.D
Acq: 14 Aug 2020 14:13

Tgt Ion: 139 Resp: 18
Ion Ratio Lower Upper
139 100
109 178.9 19.5 29.3#
65 73.7 26.6 40.0#

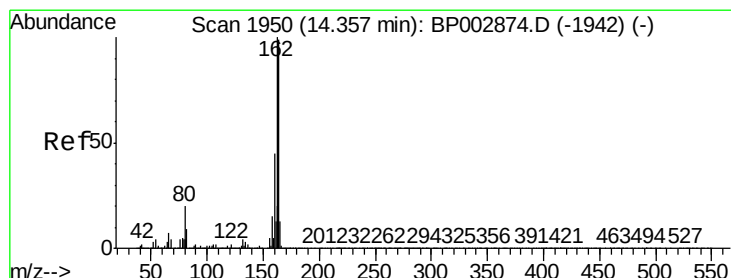
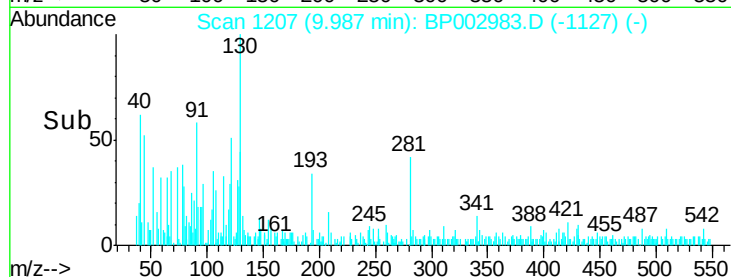
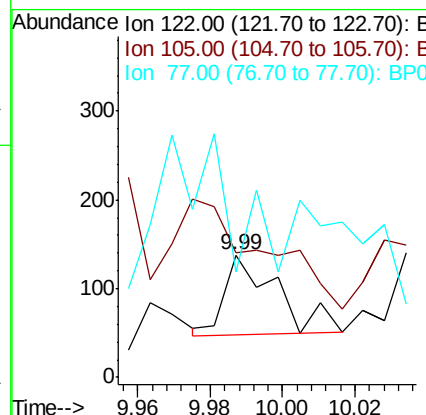
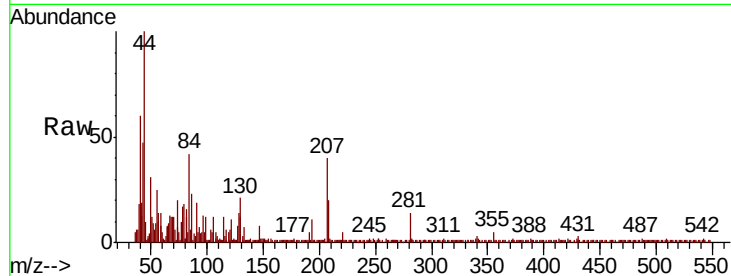




#32
Benzoic acid
Concen: 7.692 ng
RT: 9.99 min Scan# 1207
Delta R.T. 0.17 min
Lab File: BP002983.D
Acq: 14 Aug 2020 14:13

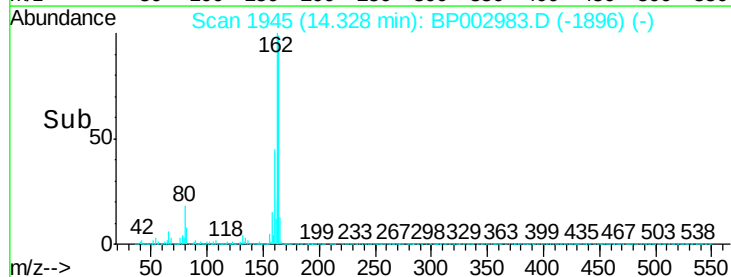
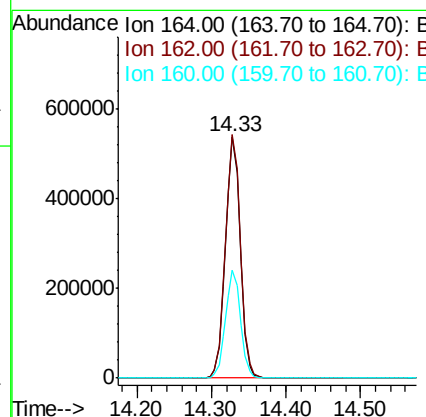
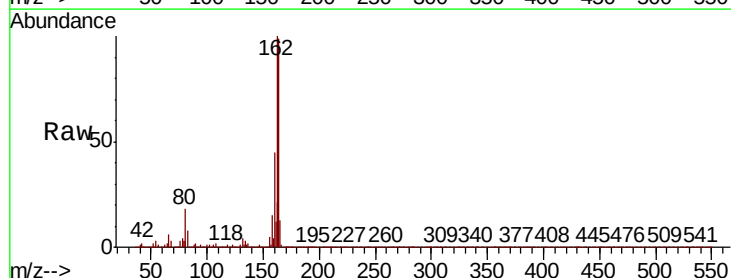
Instrument :
BNA_P
ClientSampleId :
BS-STOCK-4

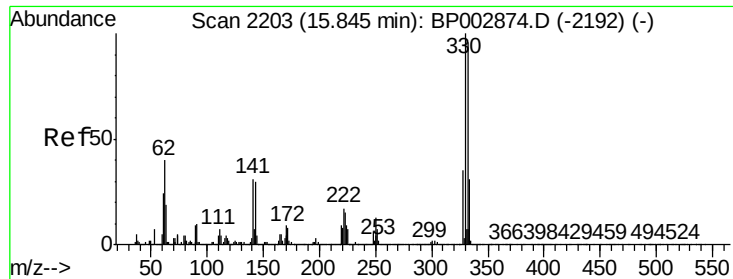
Tot Ion	Ratio	Lower	Upper
122	100		
105	102.2	95.8	135.8
77	86.2	54.7	94.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.33 min Scan# 1945
Delta R.T. -0.01 min
Lab File: BP002983.D
Acq: 14 Aug 2020 14:13

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.9	81.0	121.4
160	44.9	36.2	54.4

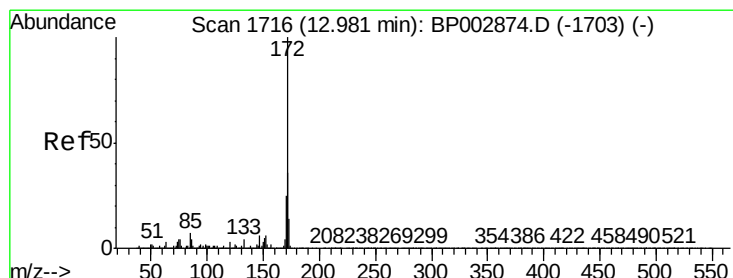
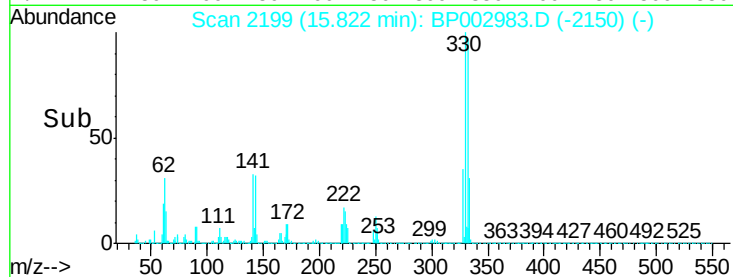
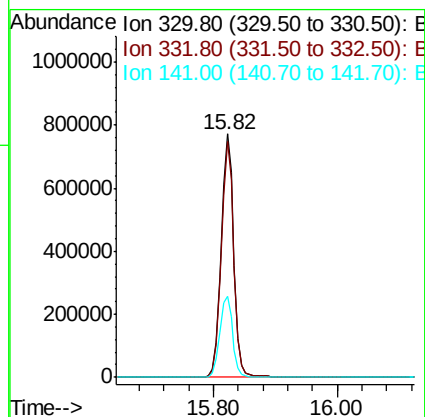
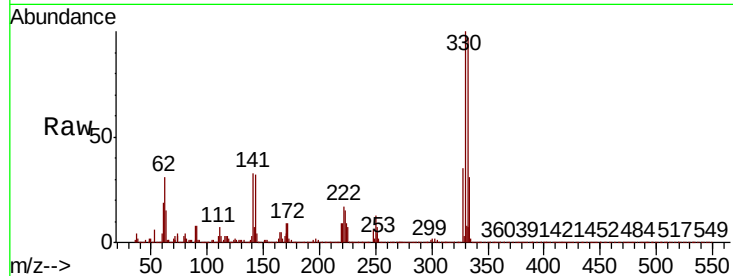




#42
 2,4,6-Tribromophenol
 Concen: 117.429 ng
 RT: 15.82 min Scan# 2199
 Delta R.T. -0.01 min
 Lab File: BP002983.D
 Acq: 14 Aug 2020 14:13

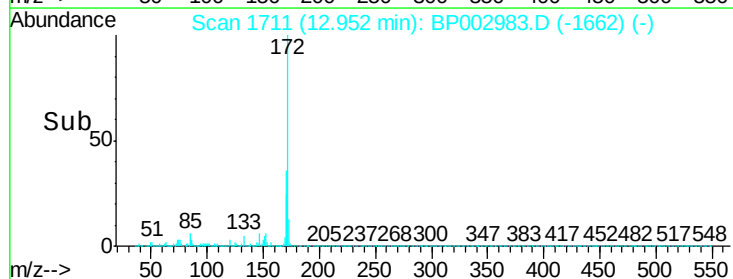
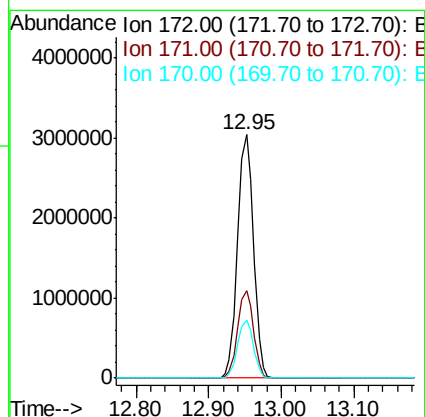
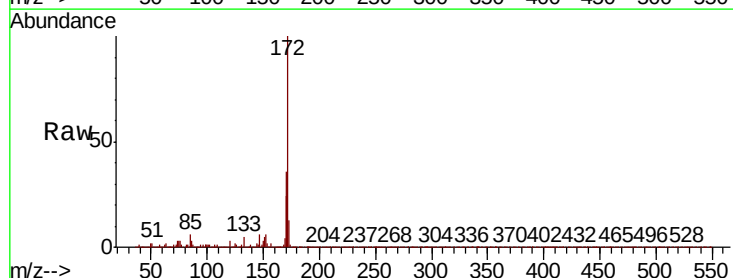
Instrument :
 BNA_P
 ClientSampleId :
 BS-STOCK-4

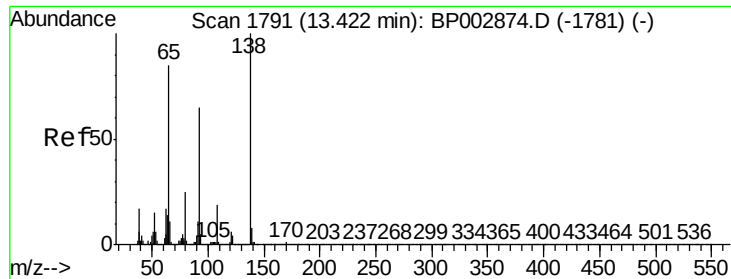
Tot Ion:330 Resp: 1087952
 Ion Ratio Lower Upper
 330 100
 332 96.4 77.0 115.4
 141 34.3 28.6 43.0



#45
 2-Fluorobiphenyl
 Concen: 85.798 ng
 RT: 12.95 min Scan# 1711
 Delta R.T. -0.01 min
 Lab File: BP002983.D
 Acq: 14 Aug 2020 14:13

Tgt Ion:172 Resp: 4680964
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.6 44.4
 170 23.8 19.6 29.4





#48

2-Nitroaniline

Concen: 3.983 ng

RT: 13.39 min Scan# 1785

Delta R.T. -0.02 min

Lab File: BP002983.D

Acq: 14 Aug 2020 14:13

Instrument :

BNA_P

ClientSampleId :

BS-STOCK-4

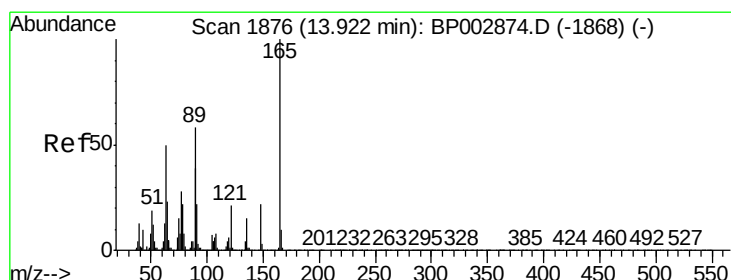
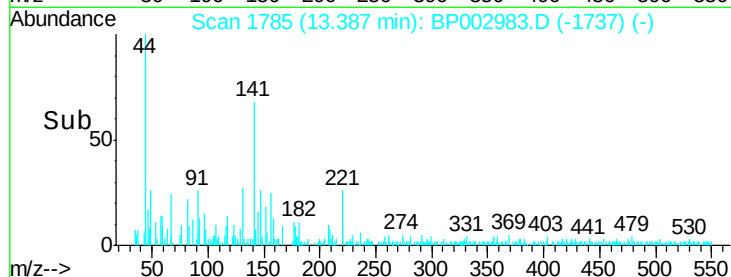
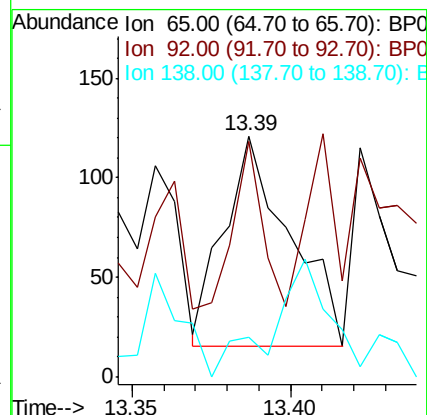
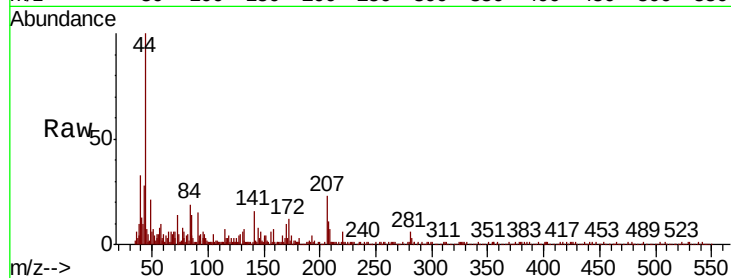
Tot Ion: 65 Resp: 153

Ion Ratio Lower Upper

65 100

92 97.5 69.6 104.4

138 16.5 125.6 188.4#



#51

2,6-Dinitrotoluene

Concen: 2.942 ng

RT: 13.89 min Scan# 1870

Delta R.T. -0.02 min

Lab File: BP002983.D

Acq: 14 Aug 2020 14:13

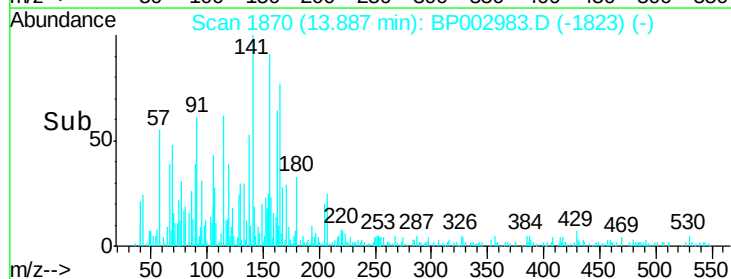
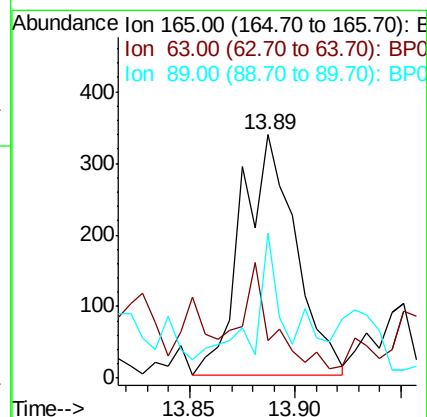
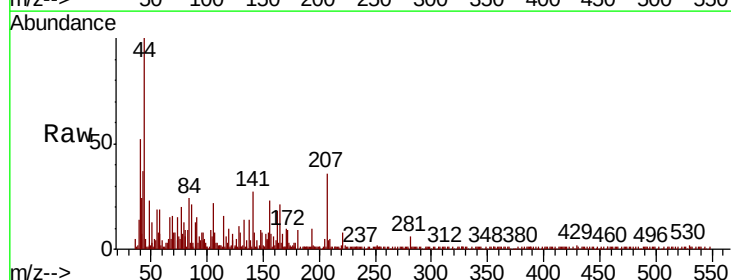
Tgt Ion: 165 Resp: 596

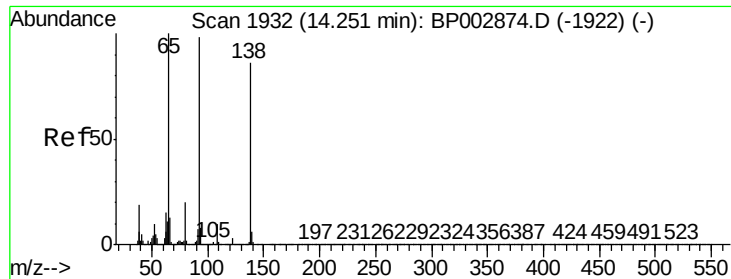
Ion Ratio Lower Upper

165 100

63 15.3 27.5 41.3#

89 59.4 35.3 52.9#

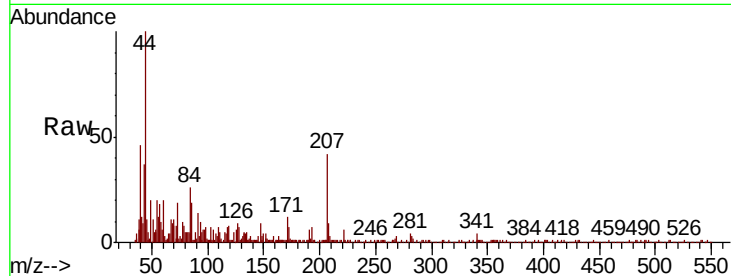




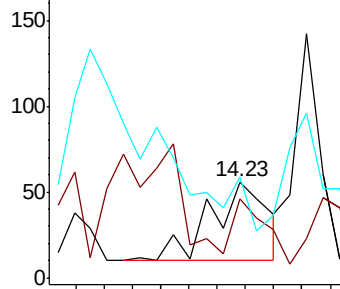
#53
3-Nitroaniline
Concen: 3.278 ng
RT: 14.23 min Scan# 1928
Delta R.T. -0.01 min
Lab File: BP002983.D
Acq: 14 Aug 2020 14:13

Instrument :
BNA_P
ClientSampleId :
BS-STOCK-4

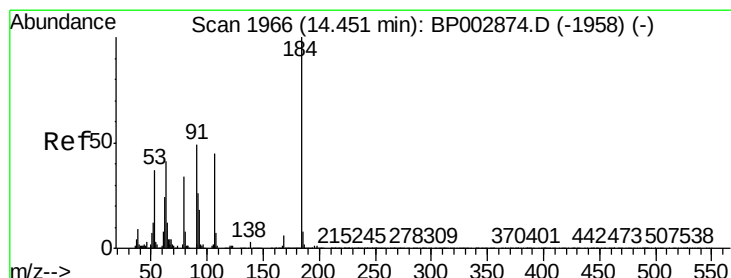
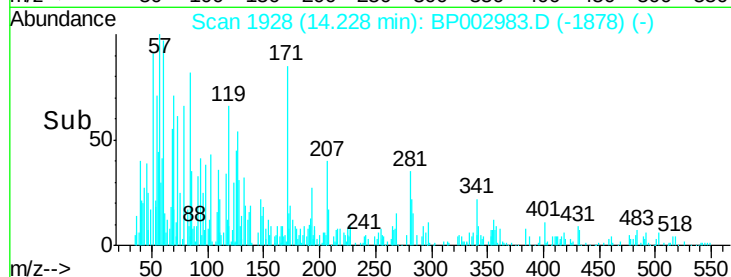
Tot Ion:138 Resp: 64
Ion Ratio Lower Upper
138 100
108 82.1 7.2 10.8#
92 105.4 75.8 113.6



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

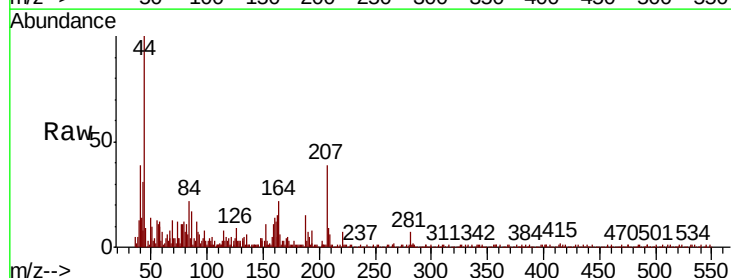


Time-->

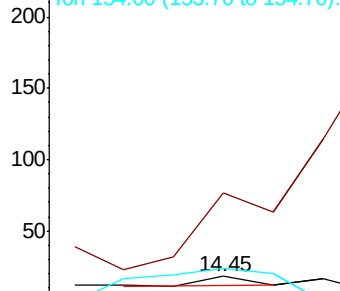


#54
2,4-Dinitrophenol
Concen: 8.058 ng
RT: 14.45 min Scan# 1965
Delta R.T. 0.01 min
Lab File: BP002983.D
Acq: 14 Aug 2020 14:13

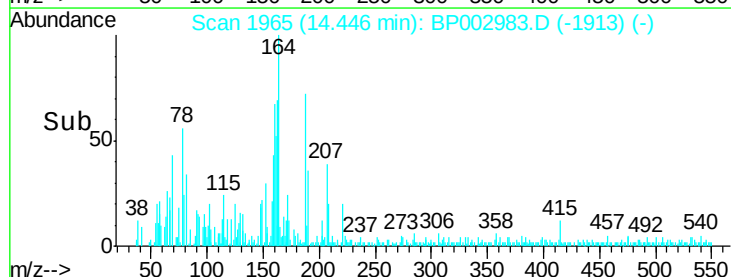
Tgt Ion:184 Resp: 2
Ion Ratio Lower Upper
184 100
63 427.8 36.4 54.6#
154 133.3 46.6 69.8#

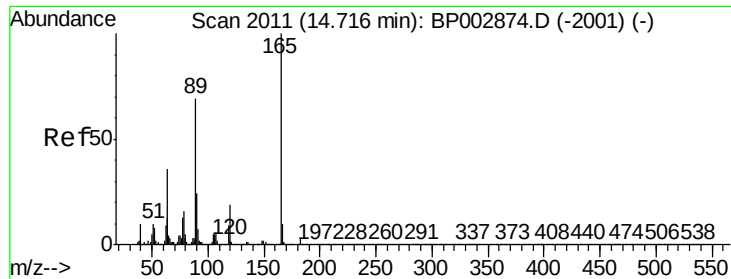


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BP0
Ion 154.00 (153.70 to 154.70): E



Time-->

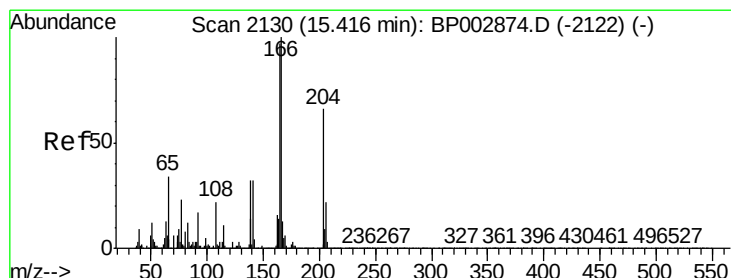
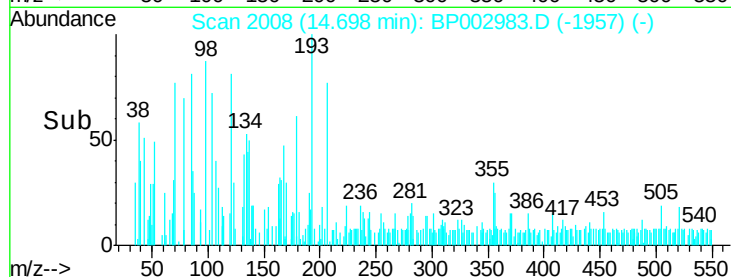
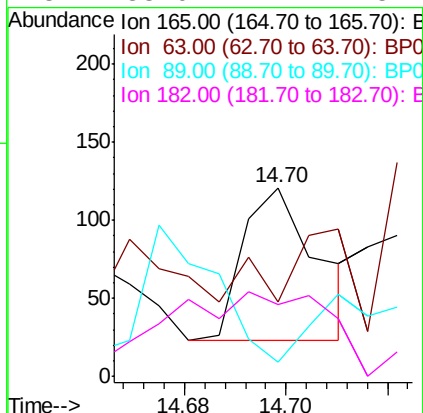
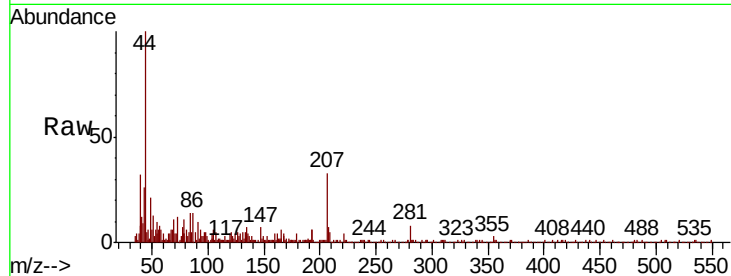




#57
2,4-Dinitrotoluene
Concen: 3.811 ng
RT: 14.70 min Scan# 2008
Delta R.T. 0.00 min
Lab File: BP002983.D
Acq: 14 Aug 2020 14:13

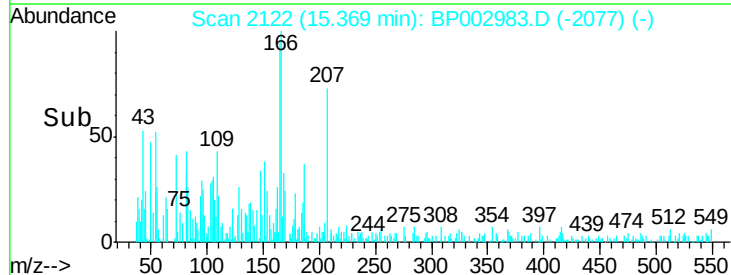
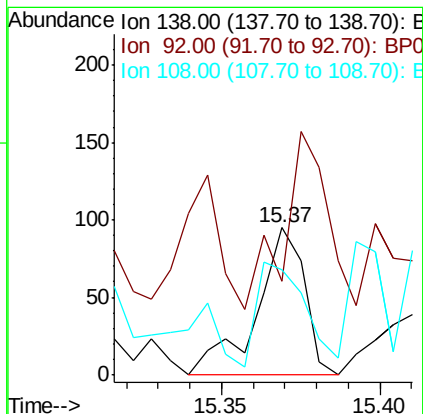
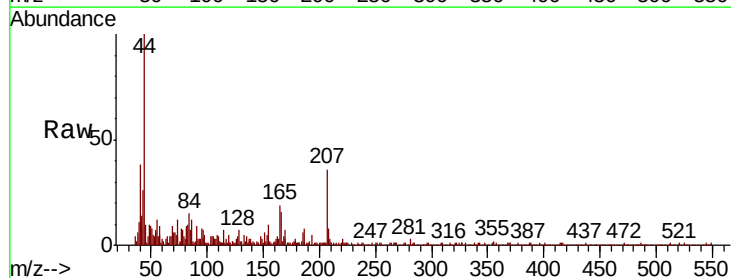
Instrument :
BNA_P
ClientSampleId :
BS-STOCK-4

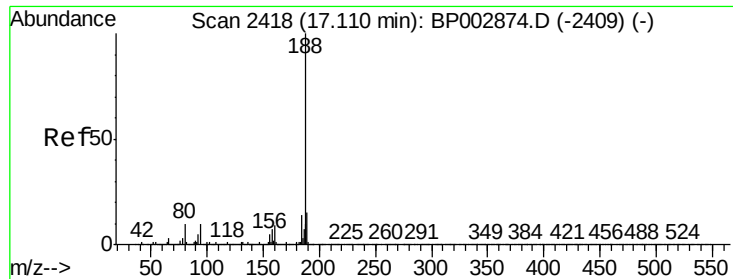
Tot Ion:165 Resp: 99
Ion Ratio Lower Upper
165 100
63 39.7 22.6 34.0#
89 7.4 46.2 69.2#
182 38.0 2.2 3.4#



#62
4-Nitroaniline
Concen: 2.423 ng
RT: 15.37 min Scan# 2122
Delta R.T. -0.04 min
Lab File: BP002983.D
Acq: 14 Aug 2020 14:13

Tgt Ion:138 Resp: 100
Ion Ratio Lower Upper
138 100
92 63.2 21.2 61.2#
108 71.6 40.5 80.5





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.08 min Scan# 2413

Delta R.T. -0.01 min

Lab File: BP002983.D

Acq: 14 Aug 2020 14:13

Instrument :

BNA_P

ClientSampleId :

BS-STOCK-4

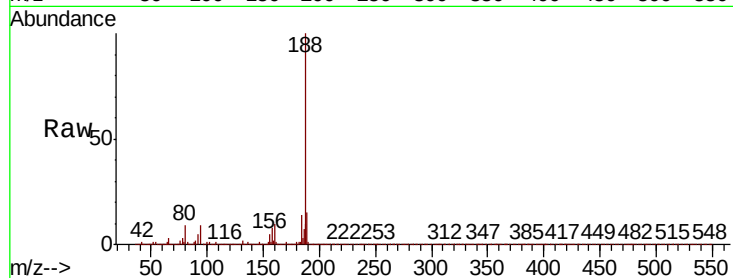
Tot Ion:188 Resp: 1485638

Ion Ratio Lower Upper

188 100

94 9.2 7.0 10.6

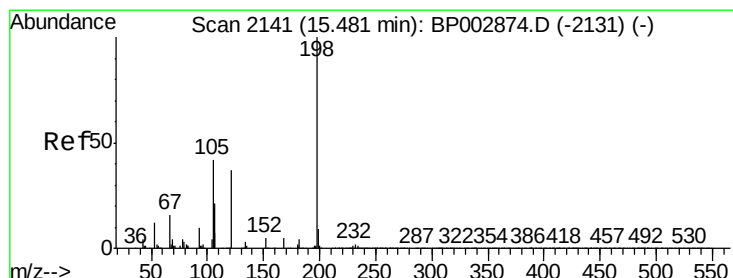
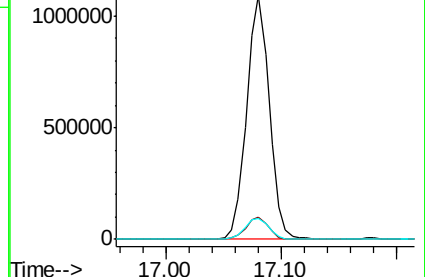
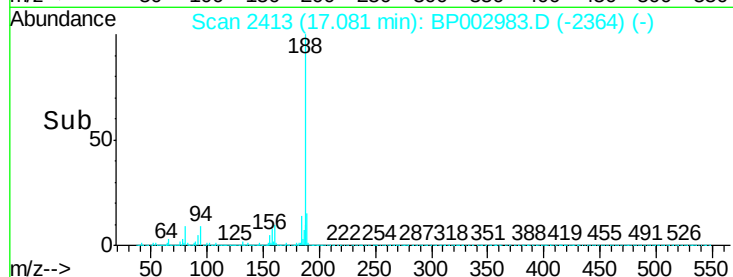
80 8.7 7.0 10.6



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: 6.901 ng

RT: 15.46 min Scan# 2138

Delta R.T. -0.01 min

Lab File: BP002983.D

Acq: 14 Aug 2020 14:13

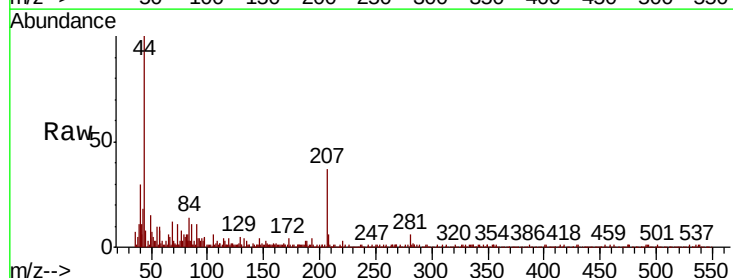
Tgt Ion:198 Resp: 8

Ion Ratio Lower Upper

198 100

51 830.0 6.5 46.5#

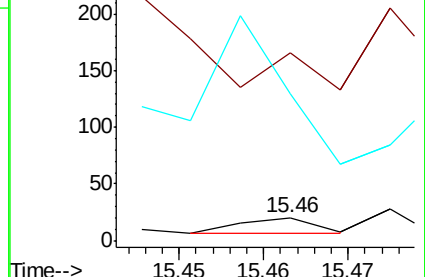
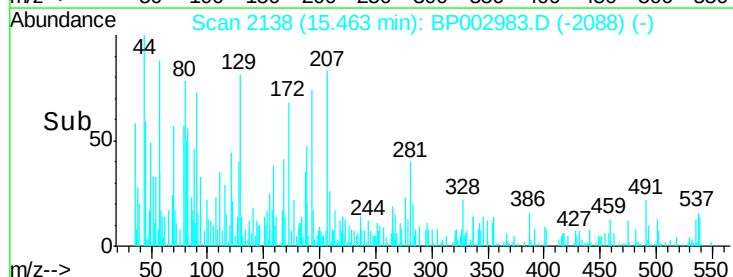
105 645.0 20.4 60.4#

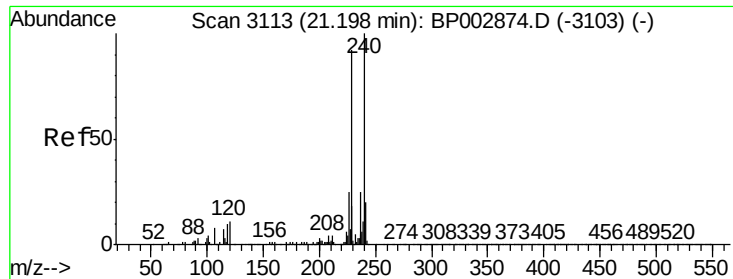


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BP0

Ion 105.00 (104.70 to 105.70): E

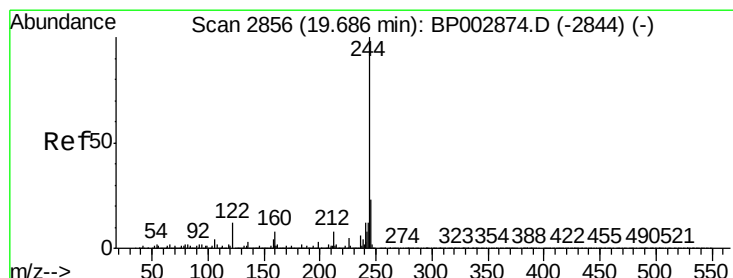
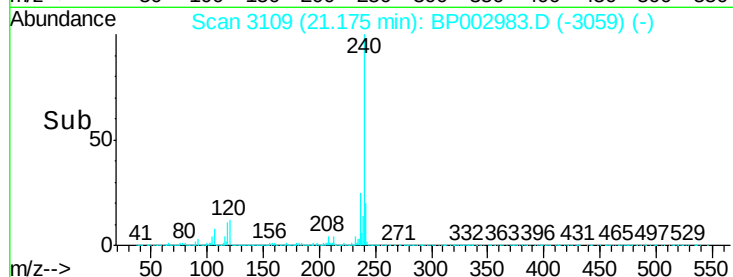
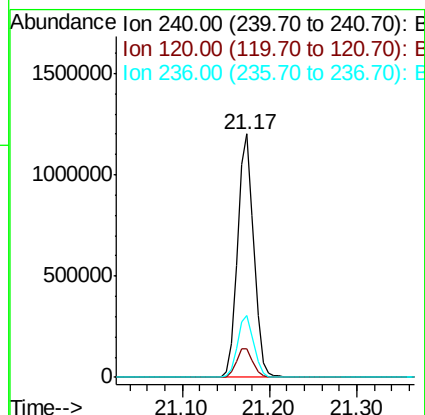
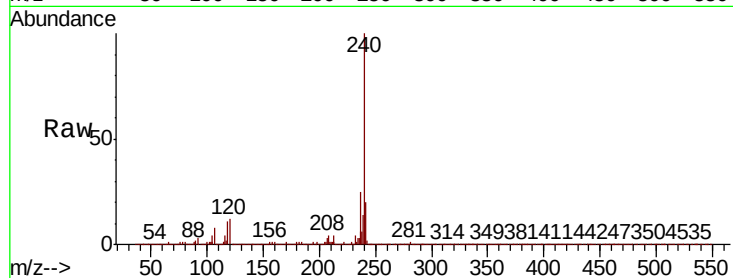




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.17 min Scan# 3109
Delta R.T. -0.01 min
Lab File: BP002983.D
Acq: 14 Aug 2020 14:13

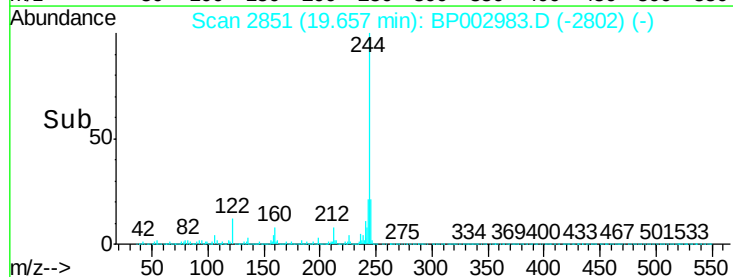
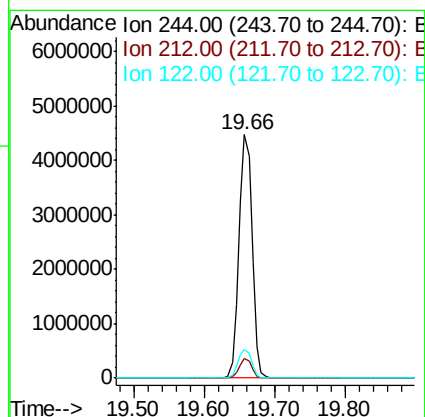
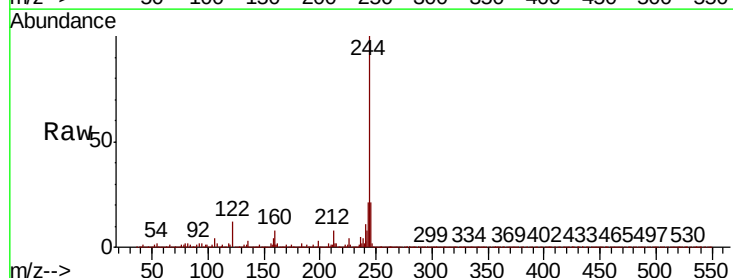
Instrument :
BNA_P
ClientSampleId :
BS-STOCK-4

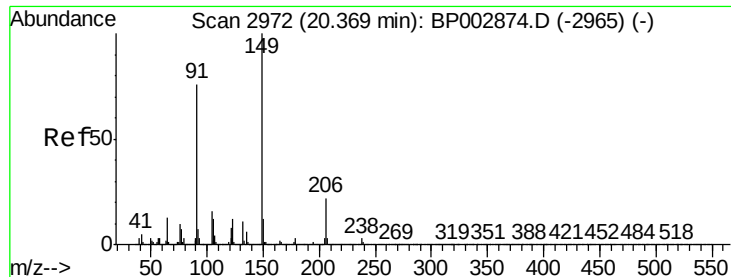
Tot Ion:240 Resp: 1497713
Ion Ratio Lower Upper
240 100
120 11.8 10.6 16.0
236 25.4 20.7 31.1



#79
Terphenyl-d14
Concen: 77.464 ng
RT: 19.66 min Scan# 2851
Delta R.T. -0.01 min
Lab File: BP002983.D
Acq: 14 Aug 2020 14:13

Tgt Ion:244 Resp: 5795302
Ion Ratio Lower Upper
244 100
212 7.9 6.3 9.5
122 11.9 9.9 14.9

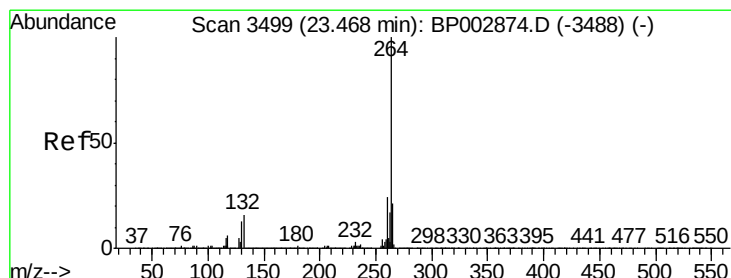
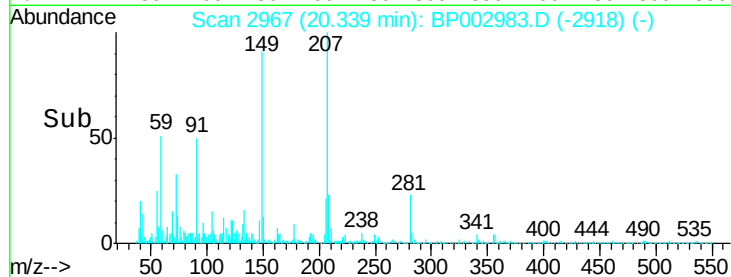
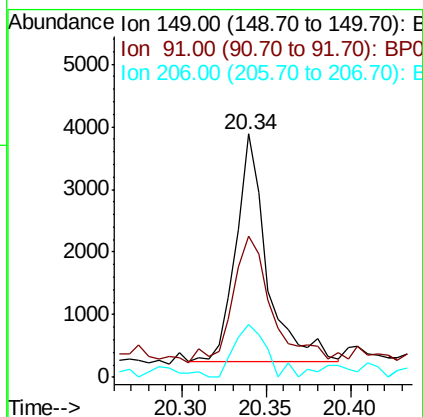
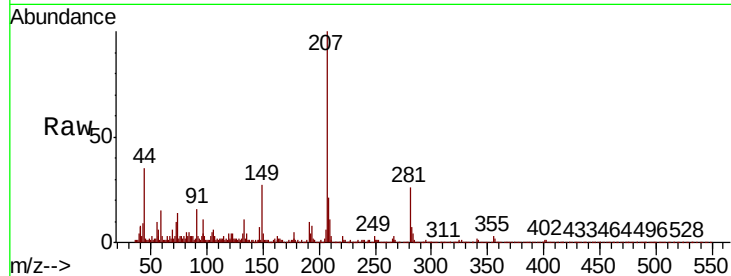




#80
Butylbenzylphthalate
Concen: 3.160 ng
RT: 20.34 min Scan# 2967
Delta R.T. -0.01 min
Lab File: BP002983.D
Acq: 14 Aug 2020 14:13

Instrument :
BNA_P
ClientSampleId :
BS-STOCK-4

Tot Ion:149 Resp: 4629
Ion Ratio Lower Upper
149 100
91 57.8 46.5 69.7
206 21.5 17.2 25.8



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.42 min Scan# 3491
Delta R.T. -0.01 min
Lab File: BP002983.D
Acq: 14 Aug 2020 14:13

Tgt Ion:264 Resp: 1643911
Ion Ratio Lower Upper
264 100
260 24.0 18.7 28.1
265 22.3 17.6 26.4

