

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP081320\
 Data File : BP002967.D
 Acq On : 13 Aug 2020 15:47
 Operator : CG/JU
 Sample : L3648-01RE
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BS-STOCK-1

Quant Time: Aug 13 16:59:32 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

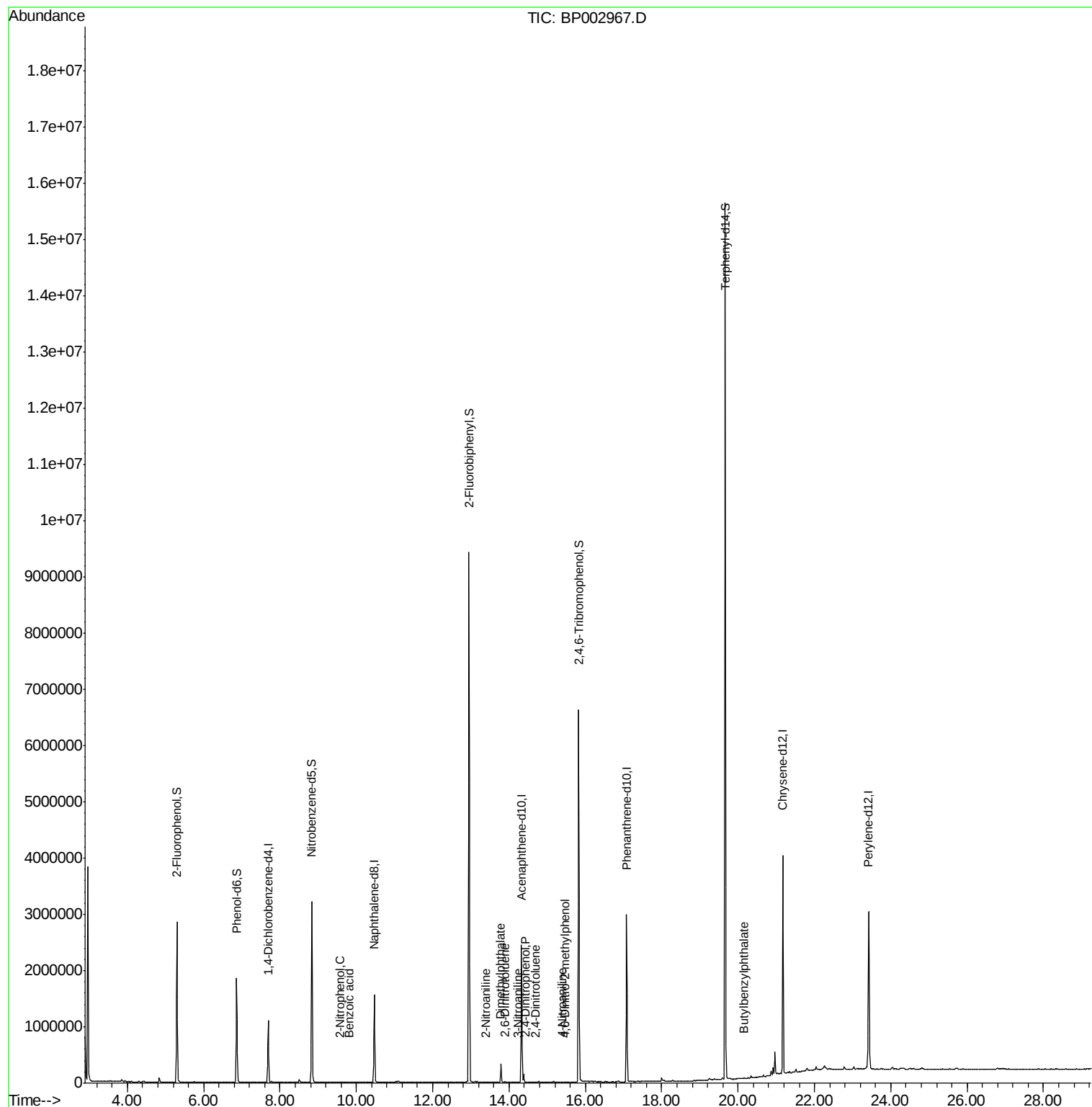
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	332320	20.00	ng	-0.01
21) Naphthalene-d8	10.47	136	1384588	20.00	ng	-0.01
39) Acenaphthene-d10	14.33	164	853172	20.00	ng	-0.01
64) Phenanthrene-d10	17.08	188	1804622	20.00	ng	-0.01
76) Chrysene-d12	21.17	240	1797453	20.00	ng	0.00
86) Perylene-d12	23.42	264	1947458	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	1455934	67.05	ng	0.00
7) Phenol-d6	6.86	99	1254495	41.61	ng	-0.02
23) Nitrobenzene-d5	8.83	82	1931862	75.57	ng	-0.01
42) 2,4,6-Tribromophenol	15.82	330	1367219	128.93	ng	-0.01
45) 2-Fluorobiphenyl	12.95	172	5273762	84.46	ng	-0.01
79) Terphenyl-d14	19.66	244	6994475	77.90	ng	0.00
Target Compounds						
26) 2-Nitrophenol	9.58	139	36	4.523	ng	# 1
32) Benzoic acid	9.82	122	137	7.695	ng	# 69
48) 2-Nitroaniline	13.40	65	81	3.977	ng	# 36
50) Dimethylphthalate	13.79	163	231171	3.464	ng	# 99
51) 2,6-Dinitrotoluene	13.89	165	1118	2.969	ng	# 53
53) 3-Nitroaniline	14.23	138	83	3.278	ng	# 8
54) 2,4-Dinitrophenol	14.43	184	38	8.063	ng	# 33
57) 2,4-Dinitrotoluene	14.70	165	205	3.815	ng	# 64
62) 4-Nitroaniline	15.40	138	35	2.418	ng	# 33
65) 4,6-Dinitro-2-methylphenol	15.47	198	58	6.906	ng	# 1
80) Butylbenzylphthalate	20.16	149	245	3.062	ng	# 97

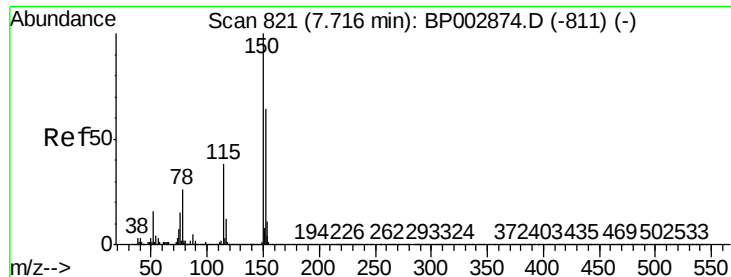
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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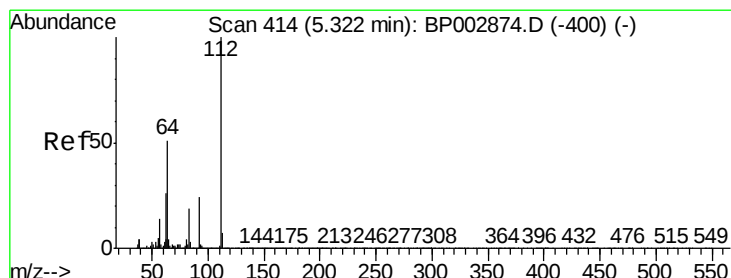
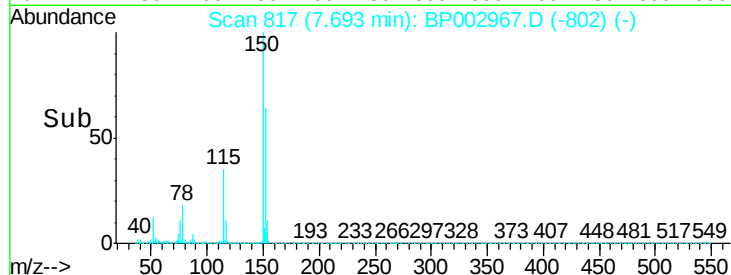
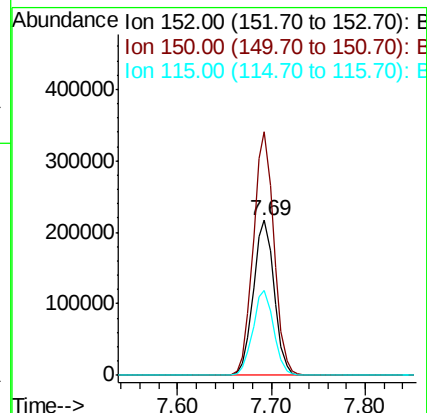
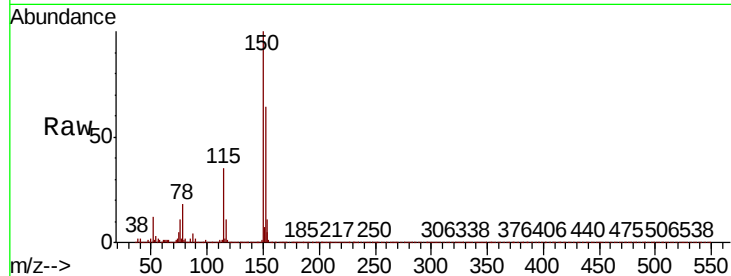


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.69 min Scan# 817
Delta R.T. -0.01 min
Lab File: BP002967.D
Acq: 13 Aug 2020 15:47

Instrument :
BNA_P
ClientSampleId :
BS-STOCK-1

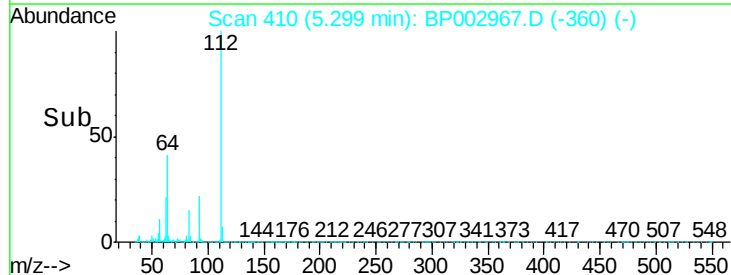
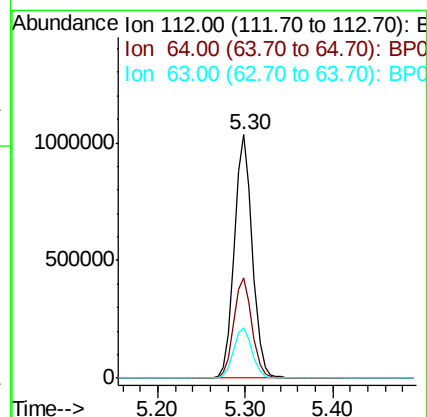
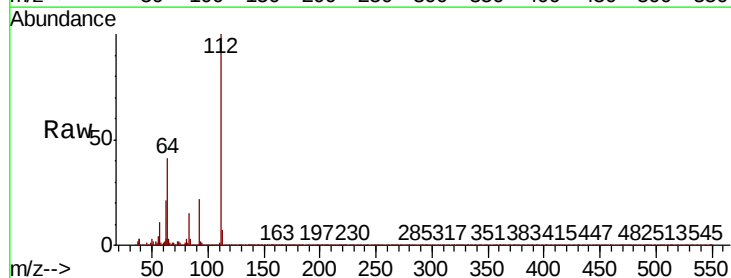
Tot Ion	Ratio	Lower	Upper
152	100		
150	157.1	124.2	186.4
115	55.1	42.1	63.1

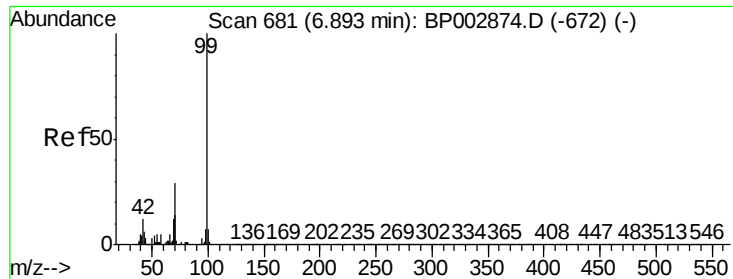


#5

2-Fluorophenol
Concen: 67.053 ng
RT: 5.30 min Scan# 410
Delta R.T. -0.01 min
Lab File: BP002967.D
Acq: 13 Aug 2020 15:47

Tgt Ion	Ratio	Lower	Upper
112	100		
64	41.4	33.8	50.8
63	20.8	17.2	25.8





#7

Phenol-d6

Concen: 41.614 ng

RT: 6.86 min Scan# 676

Delta R.T. -0.02 min

Lab File: BP002967.D

Acq: 13 Aug 2020 15:47

Instrument :

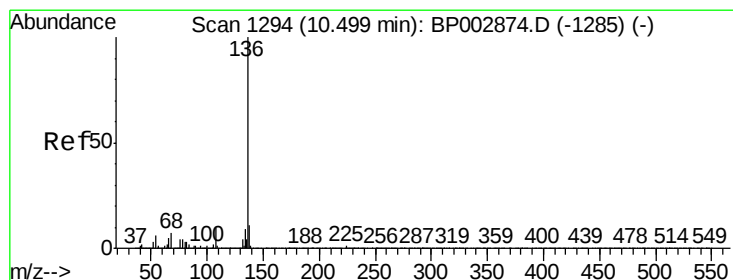
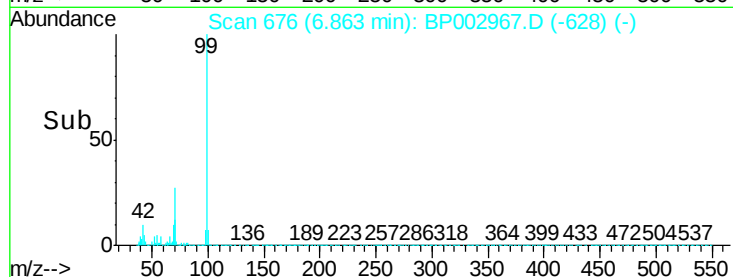
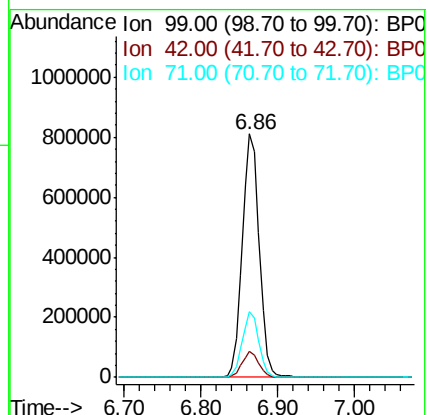
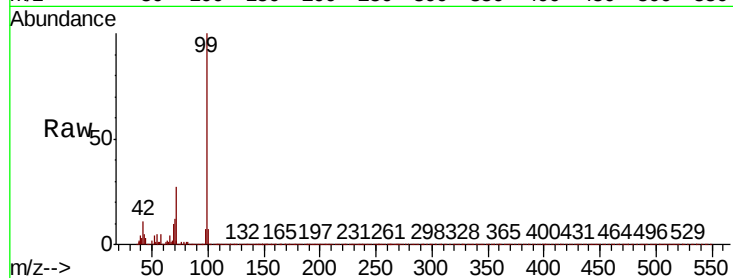
BNA_P

ClientSampleId :

BS-STOCK-1

Tot Ion: 99 Resp: 1254495

Ion	Ratio	Lower	Upper
99	100		
42	10.5	8.1	12.1
71	27.1	21.0	31.4



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.47 min Scan# 1289

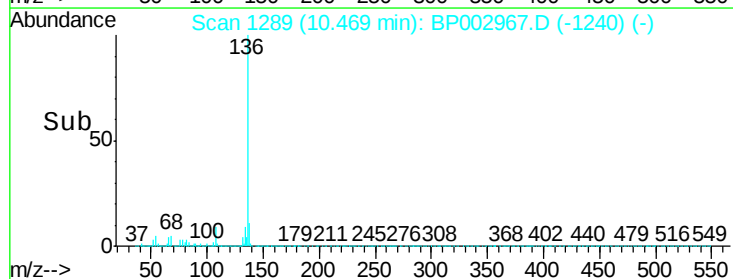
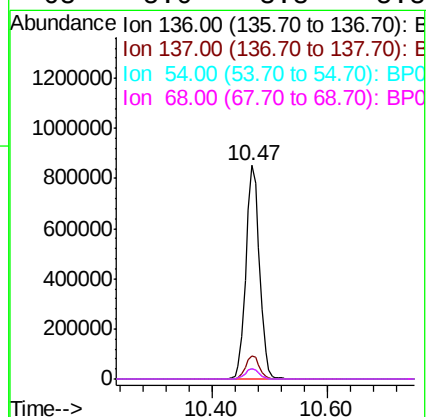
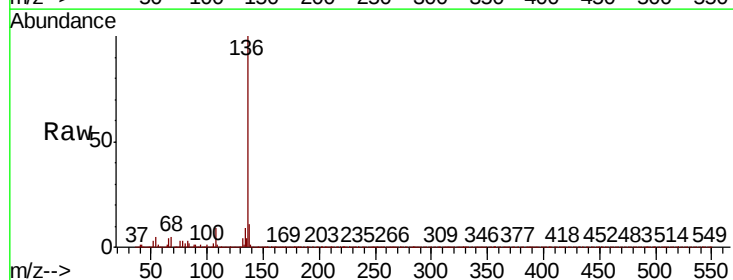
Delta R.T. -0.01 min

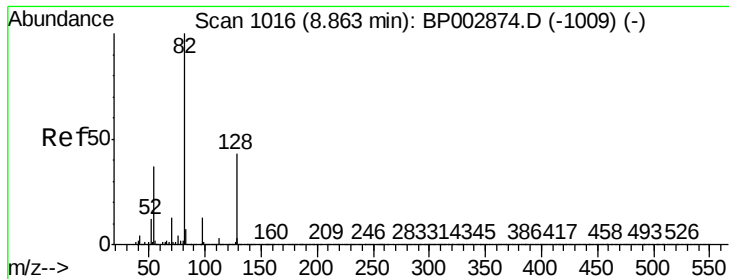
Lab File: BP002967.D

Acq: 13 Aug 2020 15:47

Tgt Ion: 136 Resp: 1384588

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.4
54	4.9	3.9	5.9
68	5.0	3.8	5.8

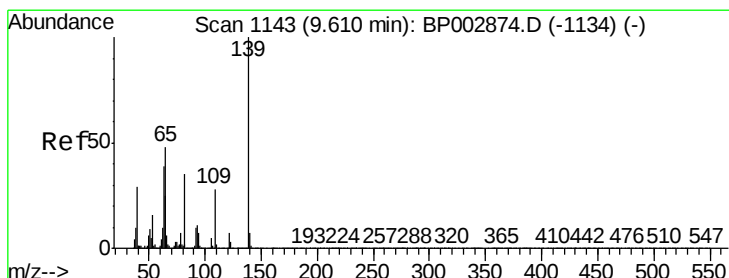
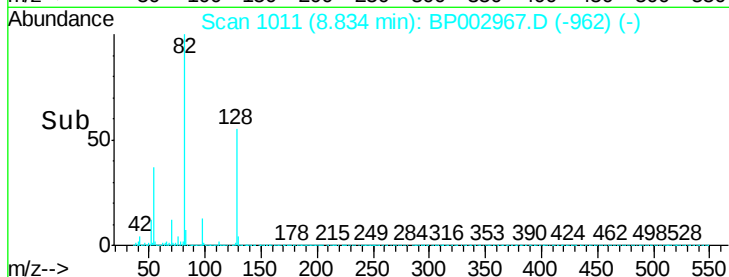
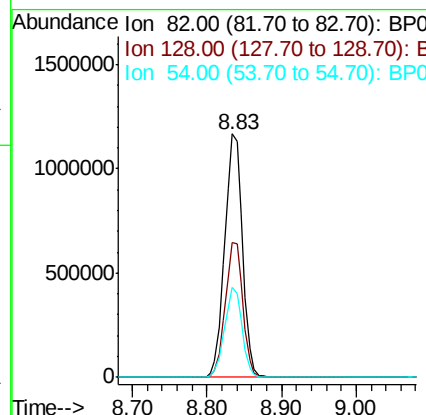
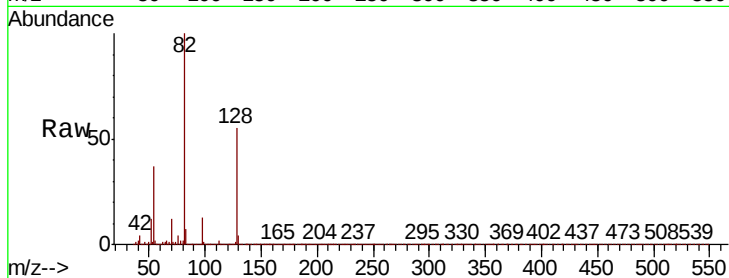




#23
Nitrobenzene-d5
Concen: 75.571 ng
RT: 8.83 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BP002967.D
Acq: 13 Aug 2020 15:47

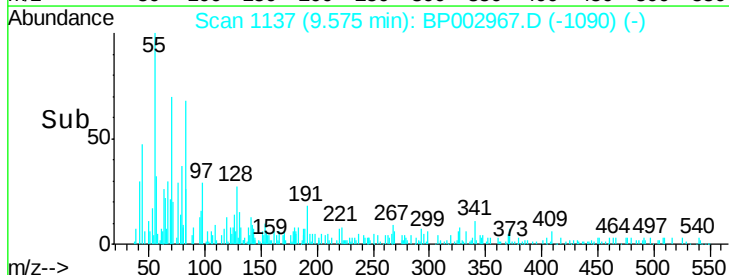
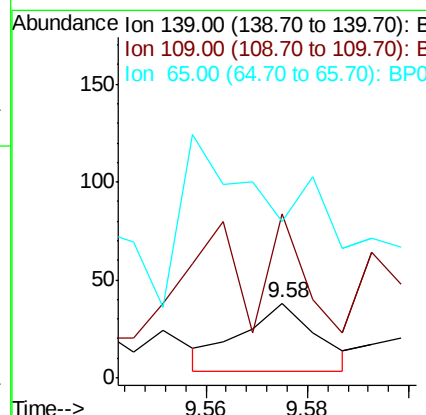
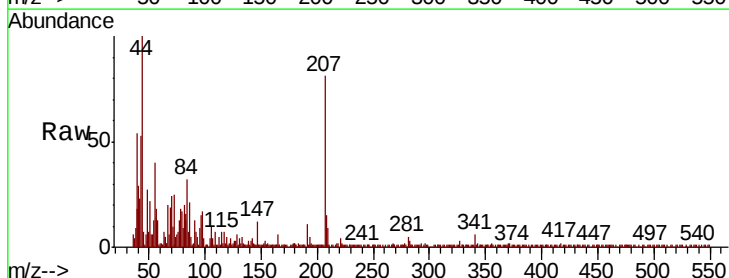
Instrument :
BNA_P
ClientSampleId :
BS-STOCK-1

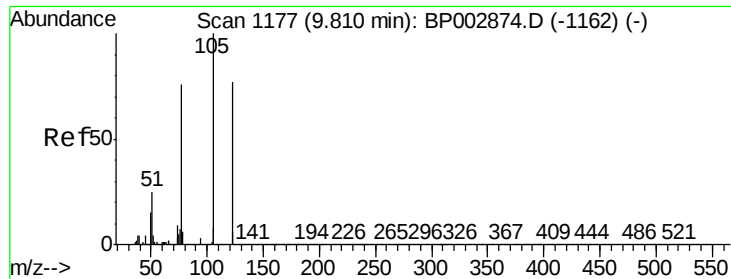
Tot Ion: 82 Resp: 1931862
Ion Ratio Lower Upper
82 100
128 55.1 44.6 66.8
54 36.7 29.2 43.8



#26
2-Nitrophenol
Concen: 4.523 ng
RT: 9.58 min Scan# 1137
Delta R.T. -0.02 min
Lab File: BP002967.D
Acq: 13 Aug 2020 15:47

Tgt Ion: 139 Resp: 36
Ion Ratio Lower Upper
139 100
109 221.1 19.5 29.3#
65 210.5 26.6 40.0#

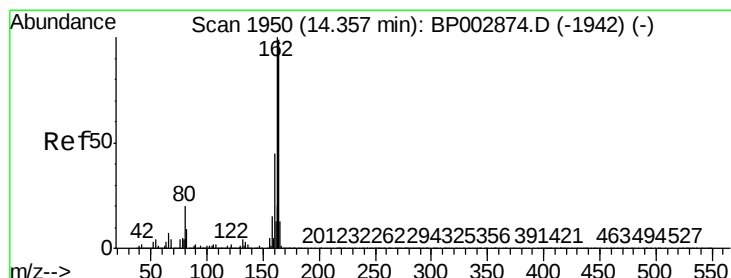
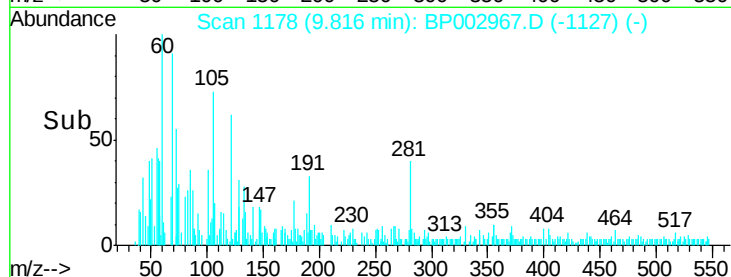
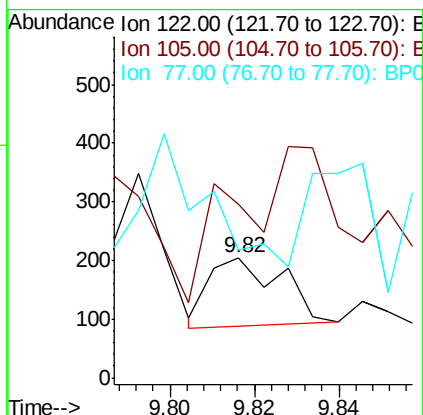
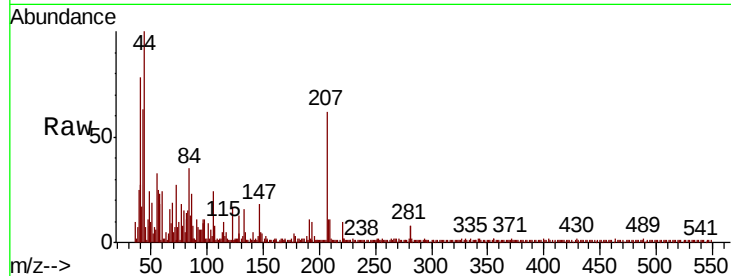




#32
Benzoic acid
Concen: 7.695 ng
RT: 9.82 min Scan# 1178
Delta R.T. -0.00 min
Lab File: BP002967.D
Acq: 13 Aug 2020 15:47

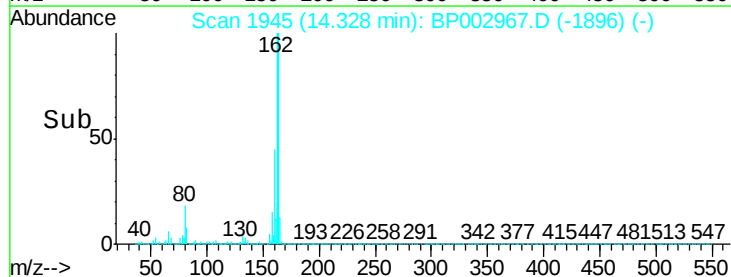
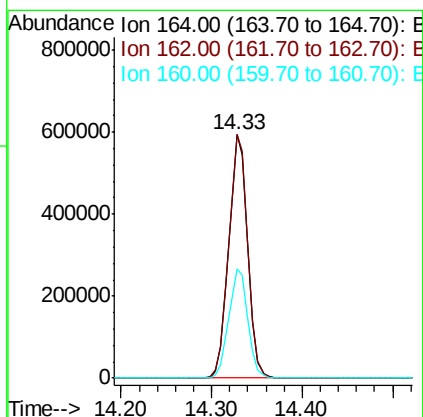
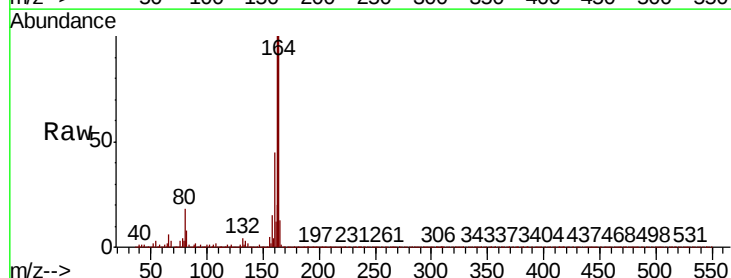
Instrument :
BNA_P
ClientSampleId :
BS-STOCK-1

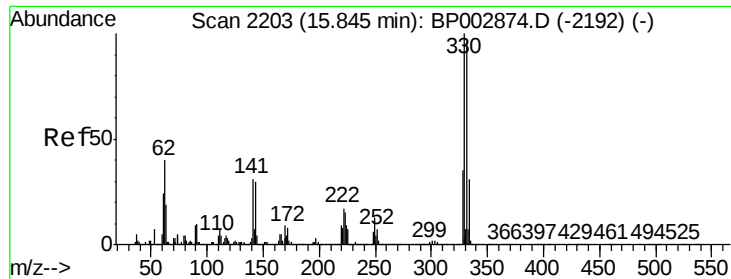
Tot Ion:122 Resp: 137
Ion Ratio Lower Upper
122 100
105 144.9 95.8 135.8#
77 106.3 54.7 94.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.33 min Scan# 1945
Delta R.T. -0.01 min
Lab File: BP002967.D
Acq: 13 Aug 2020 15:47

Tgt Ion:164 Resp: 853172
Ion Ratio Lower Upper
164 100
162 100.2 81.0 121.4
160 44.7 36.2 54.4

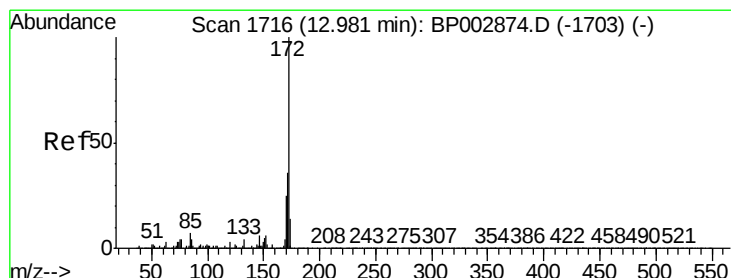
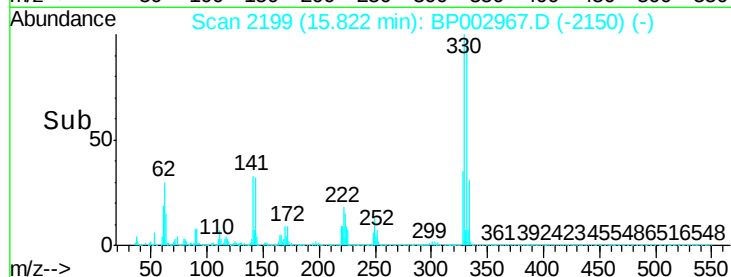
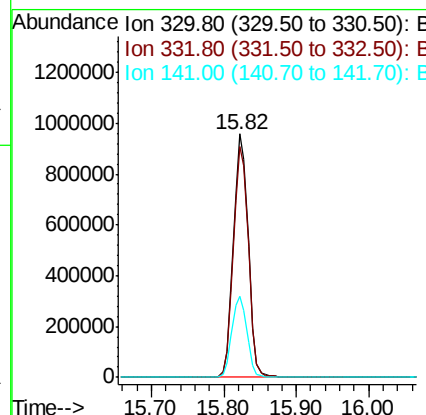
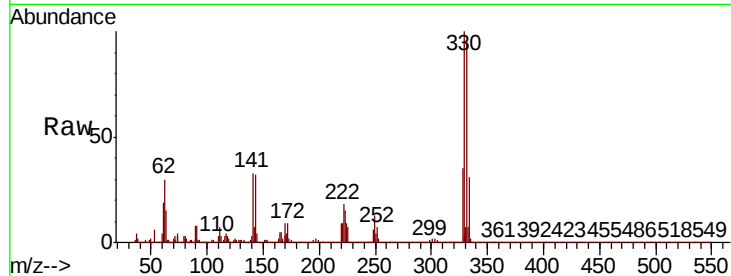




#42
 2,4,6-Tribromophenol
 Concen: 128.935 ng
 RT: 15.82 min Scan# 2199
 Delta R.T. -0.01 min
 Lab File: BP002967.D
 Acq: 13 Aug 2020 15:47

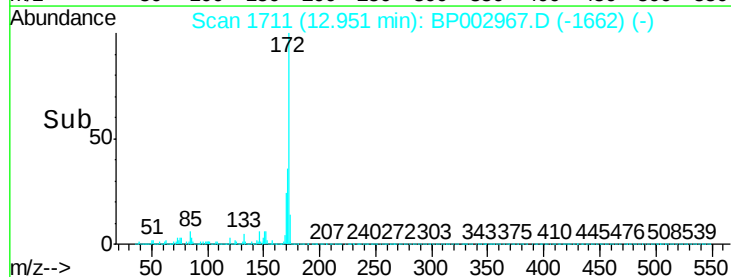
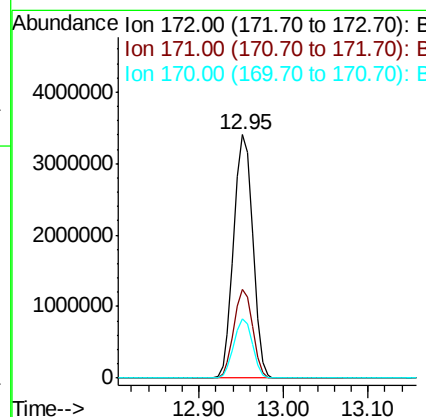
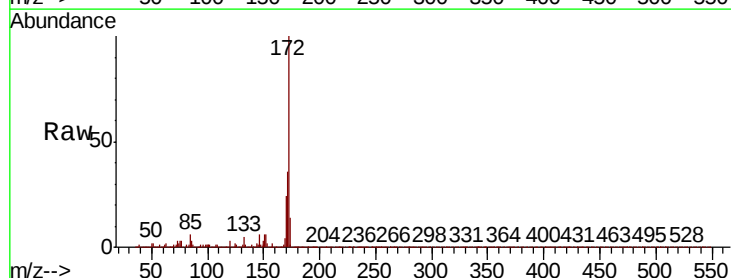
Instrument :
 BNA_P
 ClientSampleId :
 BS-STOCK-1

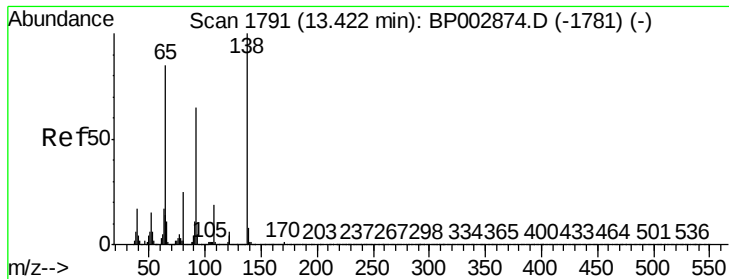
Tot Ion:330 Resp: 1367219
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.0 115.4
 141 34.0 28.6 43.0



#45
 2-Fluorobiphenyl
 Concen: 84.456 ng
 RT: 12.95 min Scan# 1711
 Delta R.T. -0.01 min
 Lab File: BP002967.D
 Acq: 13 Aug 2020 15:47

Tgt Ion:172 Resp: 5273762
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.6 44.4
 170 24.3 19.6 29.4





#48

2-Nitroaniline

Concen: 3.977 ng

RT: 13.40 min Scan# 1788

Delta R.T. -0.00 min

Lab File: BP002967.D

Acq: 13 Aug 2020 15:47

Instrument :

BNA_P

ClientSampleId :

BS-STOCK-1

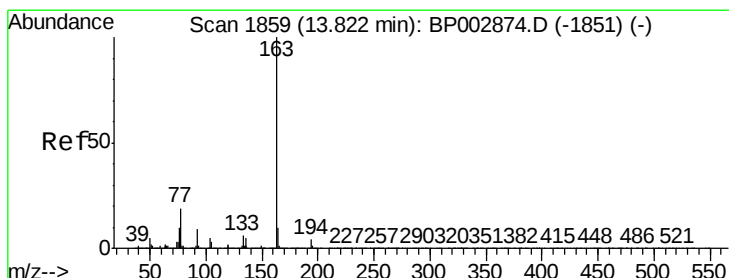
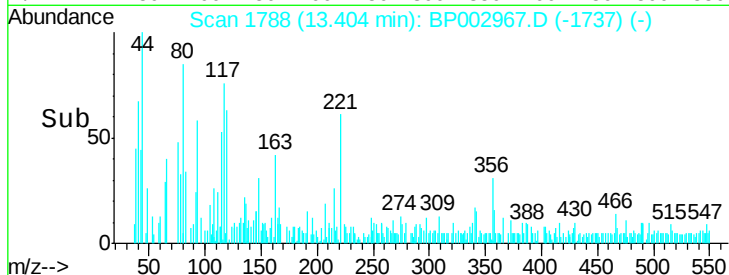
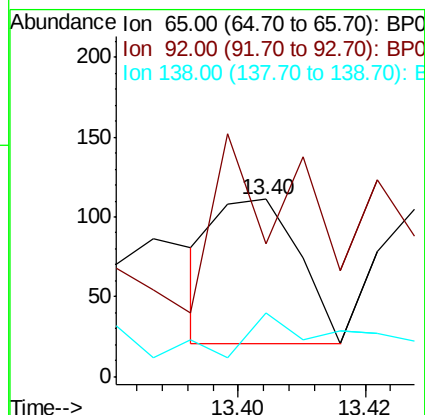
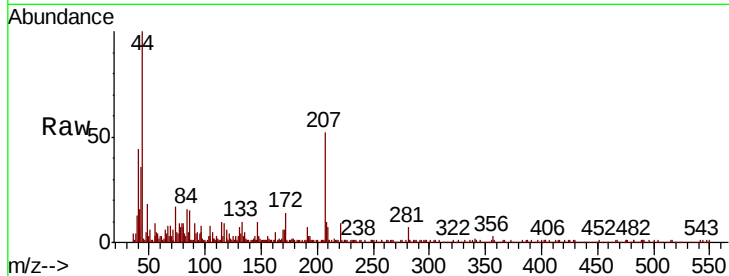
Tot Ion: 65 Resp: 81

Ion Ratio Lower Upper

65 100

92 74.8 69.6 104.4

138 36.0 125.6 188.4#



#50

Dimethylphthalate

Concen: 3.464 ng

RT: 13.79 min Scan# 1853

Delta R.T. -0.02 min

Lab File: BP002967.D

Acq: 13 Aug 2020 15:47

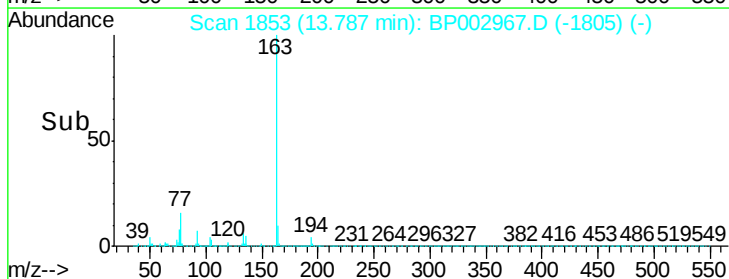
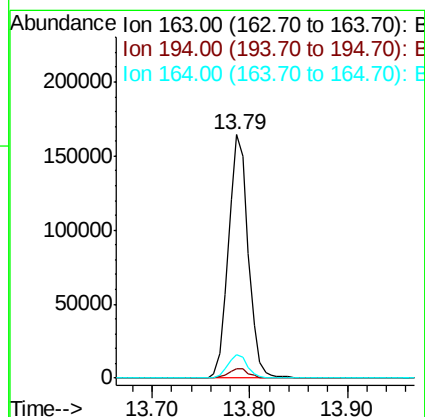
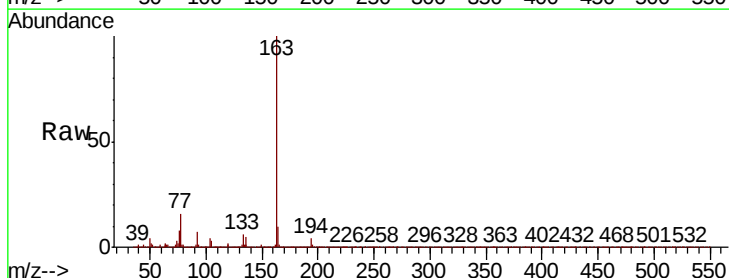
Tgt Ion: 163 Resp: 231171

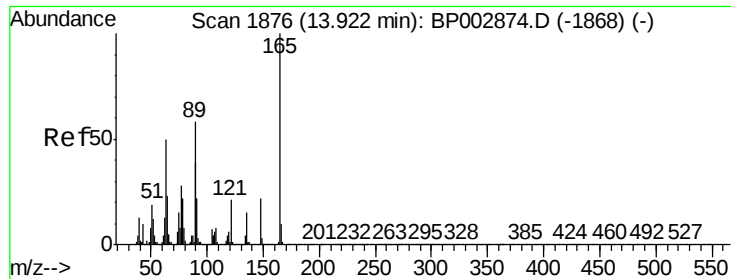
Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.0

164 9.6 8.2 12.4





#51

2,6-Dinitrotoluene

Concen: 2.969 ng

RT: 13.89 min Scan# 1870

Delta R.T. -0.02 min

Lab File: BP002967.D

Acq: 13 Aug 2020 15:47

Instrument :

BNA_P

ClientSampleId :

BS-STOCK-1

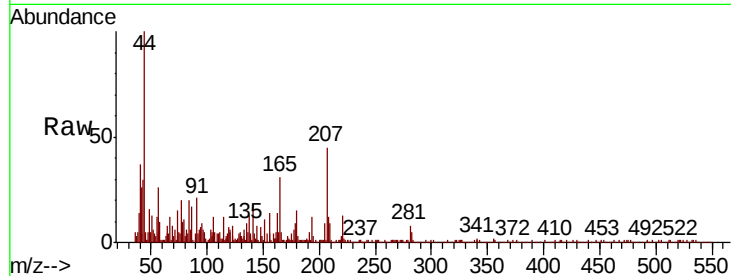
Tot Ion:165 Resp: 1118

Ion Ratio Lower Upper

165 100

63 8.6 27.5 41.3#

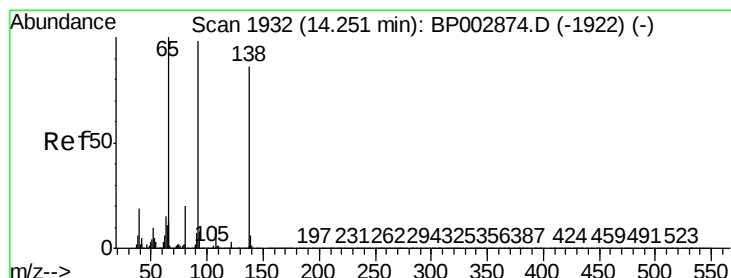
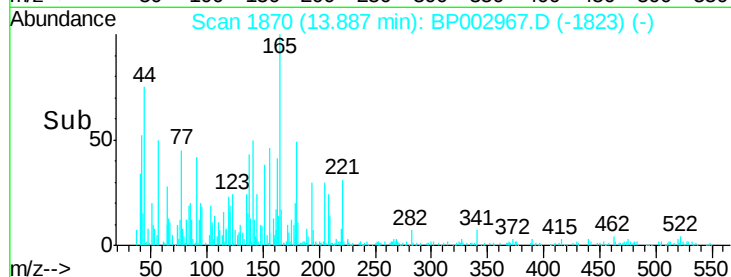
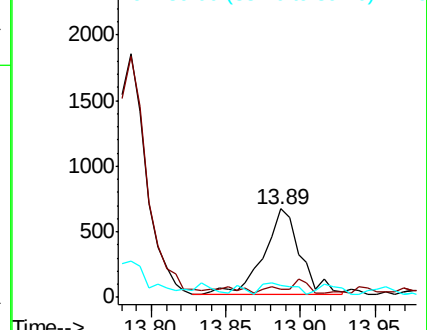
89 12.8 35.3 52.9#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BP0

Ion 89.00 (88.70 to 89.70): BP0



#53

3-Nitroaniline

Concen: 3.278 ng

RT: 14.23 min Scan# 1928

Delta R.T. -0.01 min

Lab File: BP002967.D

Acq: 13 Aug 2020 15:47

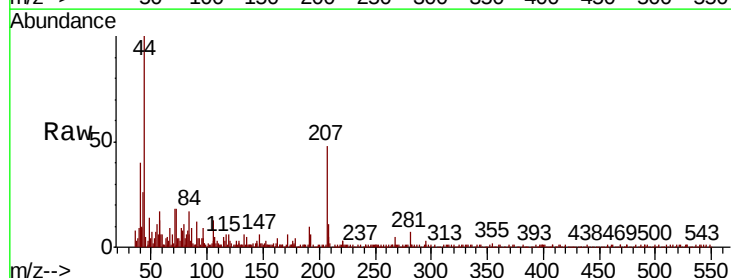
Tgt Ion:138 Resp: 83

Ion Ratio Lower Upper

138 100

108 86.4 7.2 10.8#

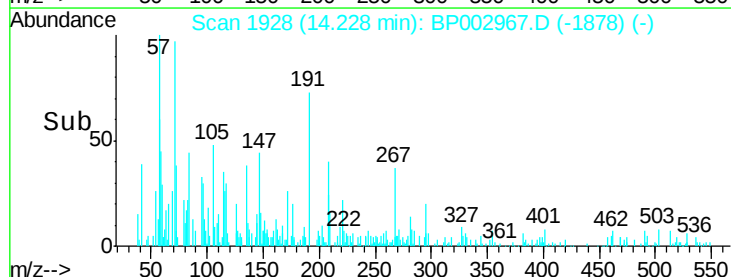
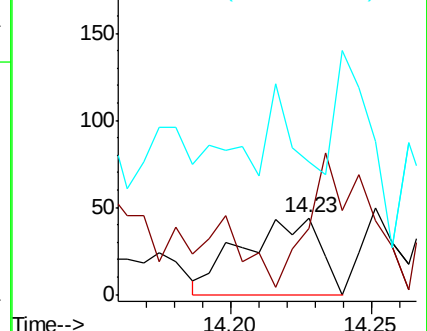
92 172.7 75.8 113.6#

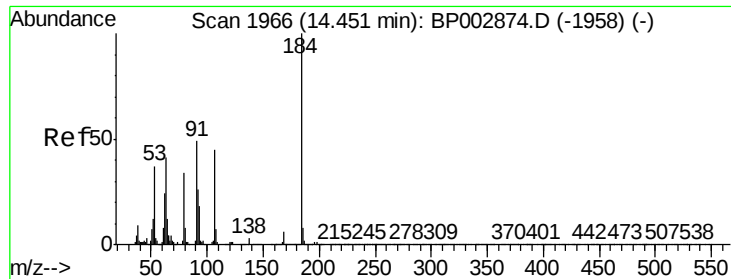


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BP0

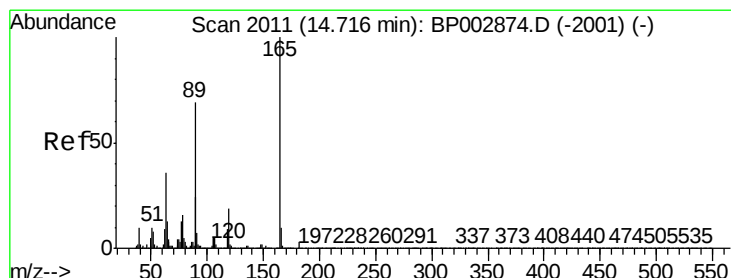
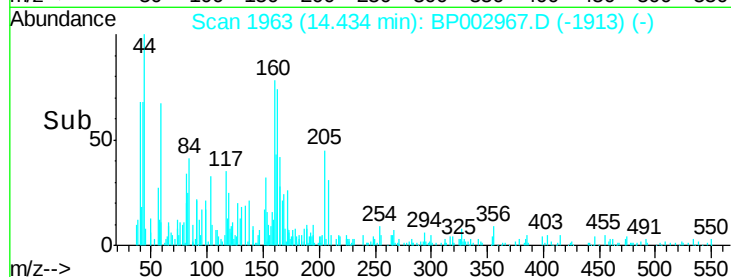
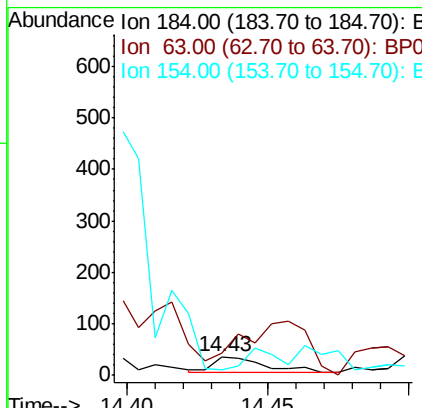
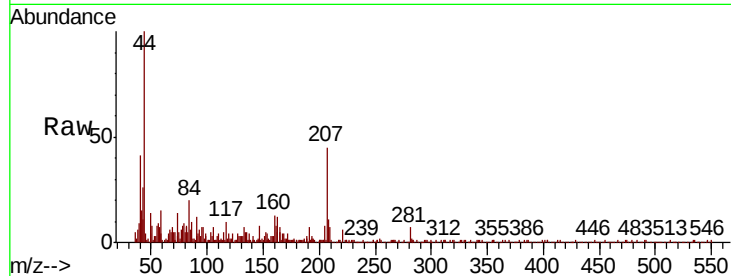




#54
2,4-Dinitrophenol
Concen: 8.063 ng
RT: 14.43 min Scan# 1963
Delta R.T. -0.01 min
Lab File: BP002967.D
Acq: 13 Aug 2020 15:47

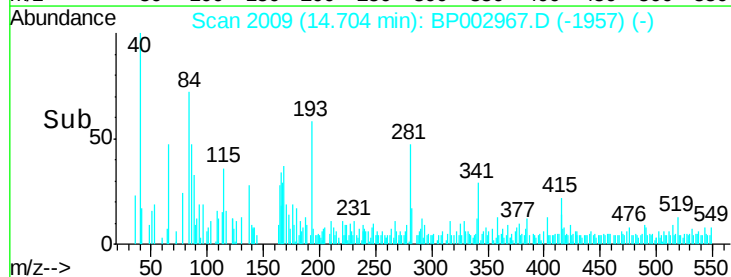
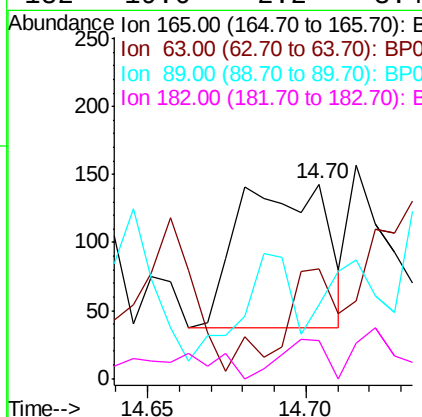
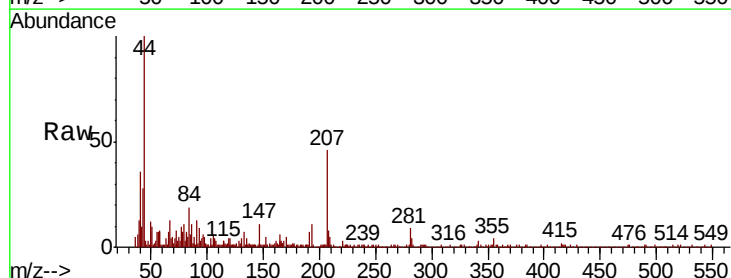
Instrument :
BNA_P
ClientSampleId :
BS-STOCK-1

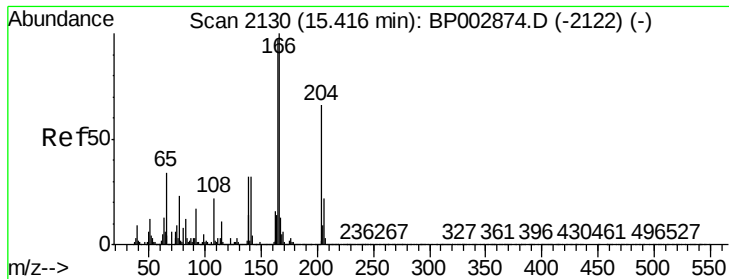
Tot Ion:184 Resp: 38
Ion Ratio Lower Upper
184 100
63 116.2 36.4 54.6#
154 32.4 46.6 69.8#



#57
2,4-Dinitrotoluene
Concen: 3.815 ng
RT: 14.70 min Scan# 2009
Delta R.T. 0.01 min
Lab File: BP002967.D
Acq: 13 Aug 2020 15:47

Tgt Ion:165 Resp: 205
Ion Ratio Lower Upper
165 100
63 56.6 22.6 34.0#
89 37.8 46.2 69.2#
182 19.6 2.2 3.4#





#62

4-Nitroaniline

Concen: 2.418 ng

RT: 15.40 min Scan# 2128

Delta R.T. -0.00 min

Lab File: BP002967.D

Acq: 13 Aug 2020 15:47

Instrument :

BNA_P

ClientSampleId :

BS-STOCK-1

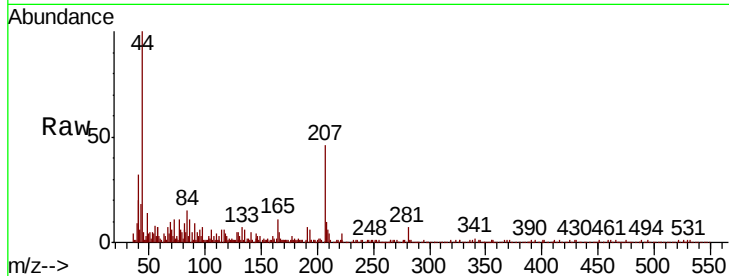
Tot Ion:138 Resp: 35

Ion Ratio Lower Upper

138 100

92 34.7 21.2 61.2

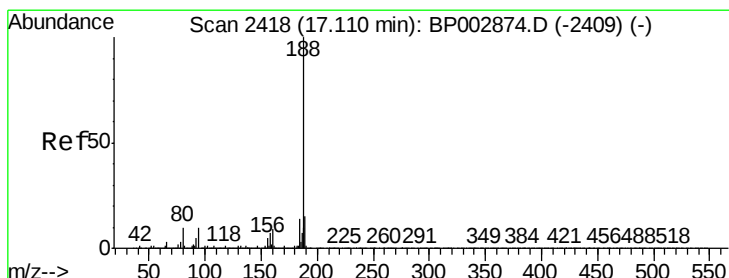
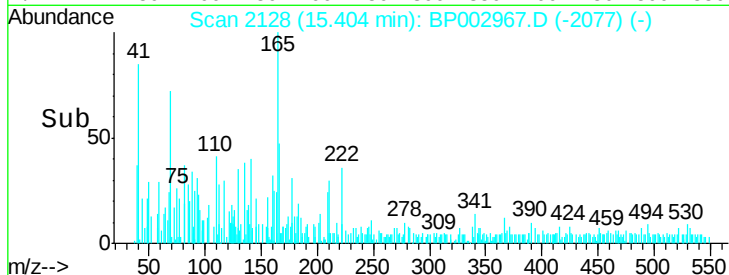
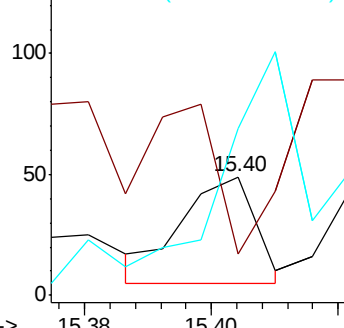
108 140.8 40.5 80.5#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BP0

Ion 108.00 (107.70 to 108.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.08 min Scan# 2413

Delta R.T. -0.01 min

Lab File: BP002967.D

Acq: 13 Aug 2020 15:47

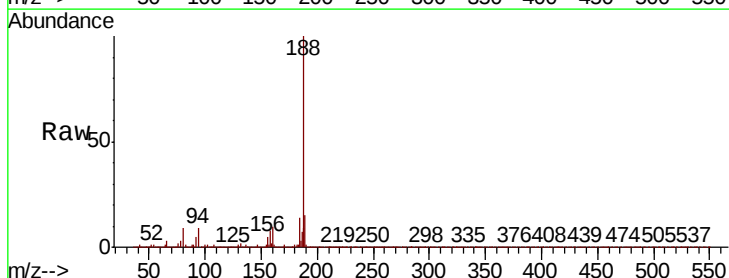
Tgt Ion:188 Resp: 1804622

Ion Ratio Lower Upper

188 100

94 9.1 7.0 10.6

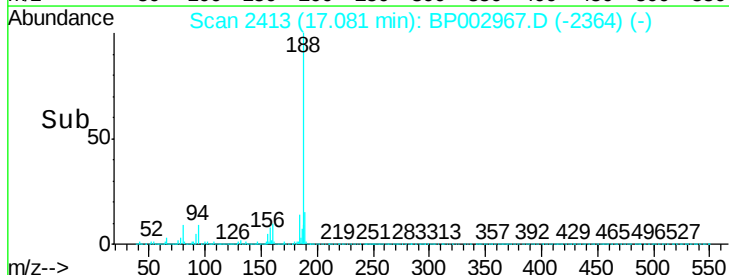
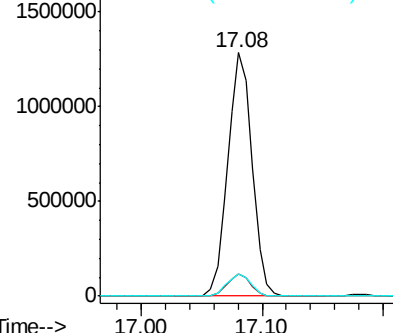
80 9.0 7.0 10.6

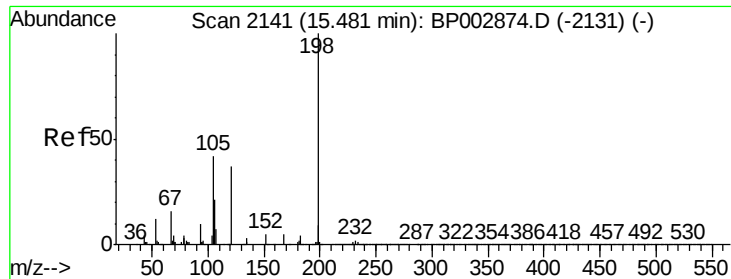


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BP0

Ion 80.00 (79.70 to 80.70): BP0

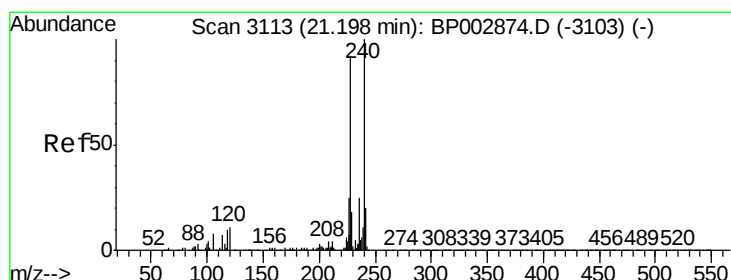
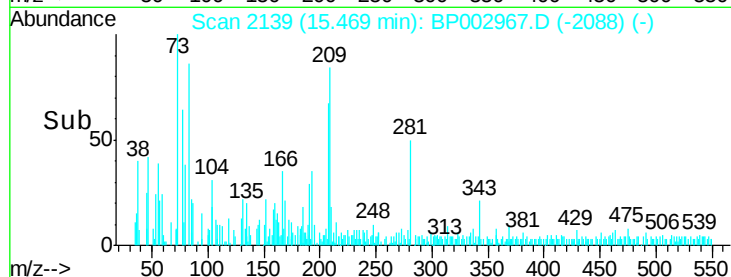
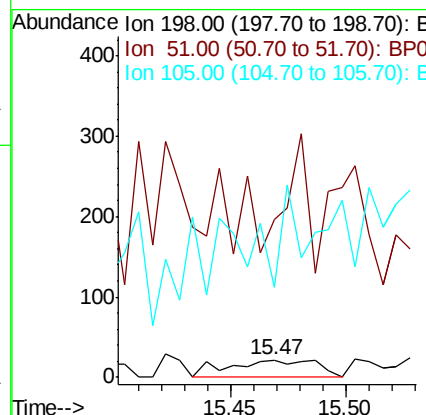
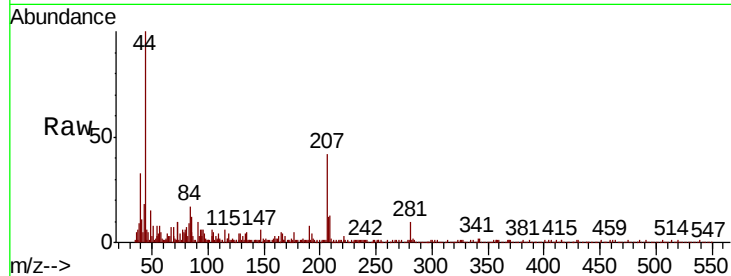




#65
4,6-Dinitro-2-methylphenol
Concen: 6.906 ng
RT: 15.47 min Scan# 2139
Delta R.T. -0.00 min
Lab File: BP002967.D
Acq: 13 Aug 2020 15:47

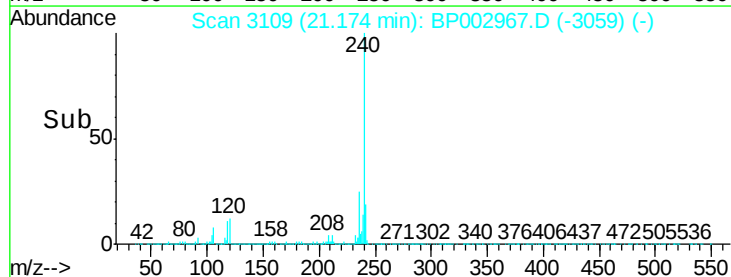
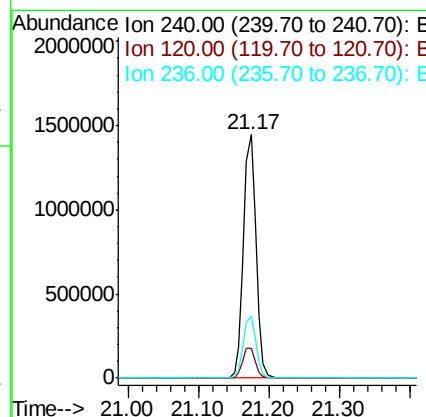
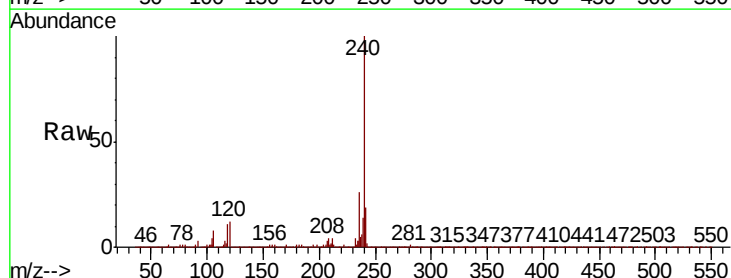
Instrument :
BNA_P
ClientSampleId :
BS-STOCK-1

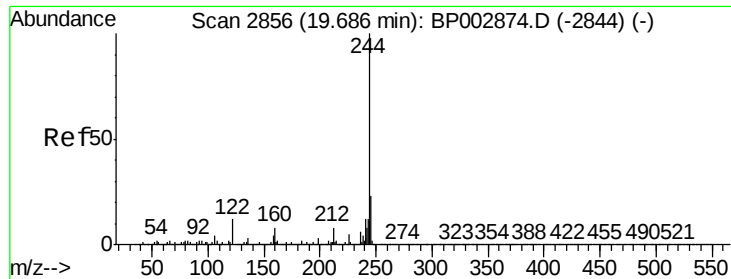
Tot Ion:198 Resp: 58
Ion Ratio Lower Upper
198 100
51 890.9 6.5 46.5#
105 509.1 20.4 60.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.17 min Scan# 3109
Delta R.T. -0.01 min
Lab File: BP002967.D
Acq: 13 Aug 2020 15:47

Tgt Ion:240 Resp: 1797453
Ion Ratio Lower Upper
240 100
120 12.1 10.6 16.0
236 25.5 20.7 31.1





#79

Terphenyl-d14

Concen: 77.903 ng

RT: 19.66 min Scan# 2852

Delta R.T. -0.01 min

Lab File: BP002967.D

Acq: 13 Aug 2020 15:47

Instrument :

BNA_P

ClientSampleId :

BS-STOCK-1

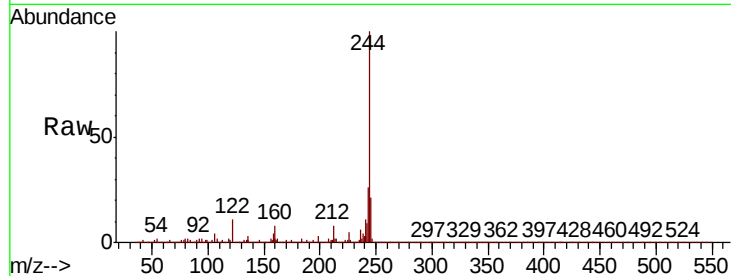
Tot Ion:244 Resp: 6994475

Ion Ratio Lower Upper

244 100

212 7.9 6.3 9.5

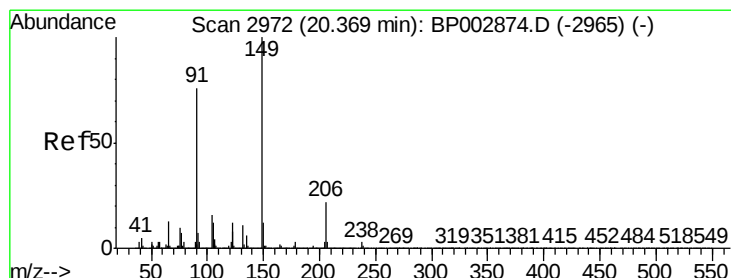
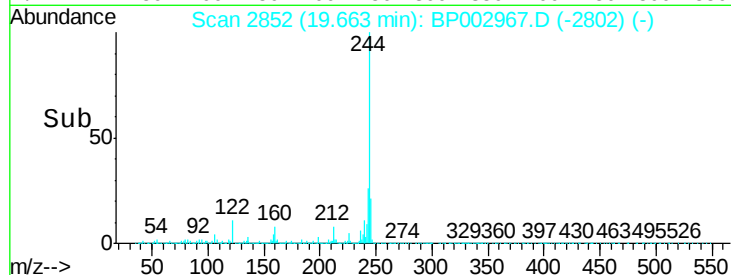
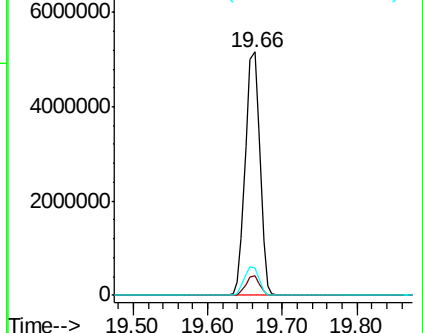
122 11.3 9.9 14.9



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: 3.062 ng

RT: 20.16 min Scan# 2936

Delta R.T. -0.19 min

Lab File: BP002967.D

Acq: 13 Aug 2020 15:47

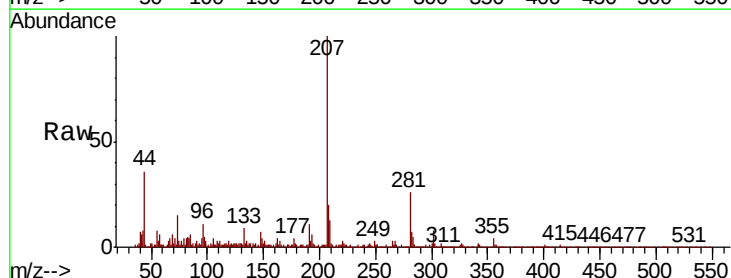
Tgt Ion:149 Resp: 245

Ion Ratio Lower Upper

149 100

91 60.7 46.5 69.7

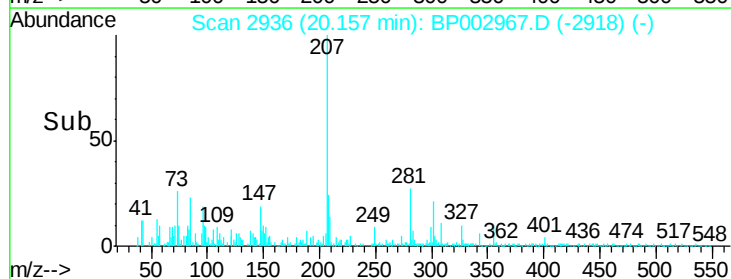
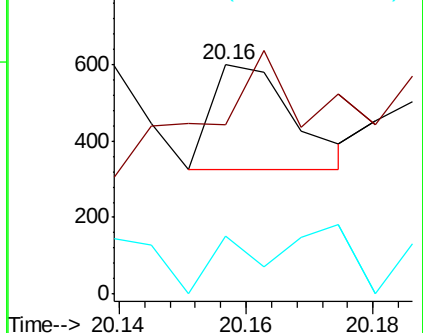
206 20.9 17.2 25.8

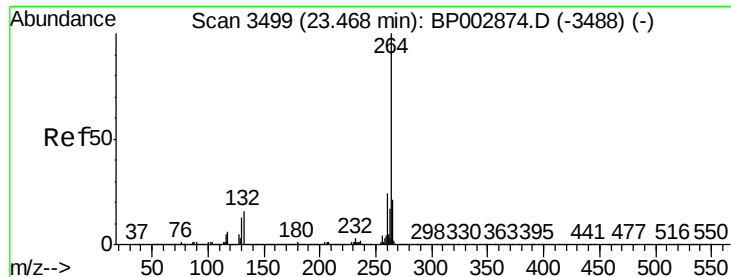


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BP0

Ion 206.00 (205.70 to 206.70): E



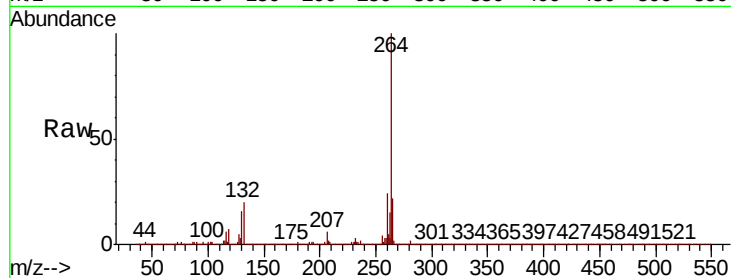


#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.42 min Scan# 3491
Delta R.T. -0.01 min
Lab File: BP002967.D
Acq: 13 Aug 2020 15:47

Instrument :
BNA_P
ClientSampleId :
BS-STOCK-1

Tot Ion:264 Resp: 1947458

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.7	28.1
265	21.7	17.6	26.4



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

