

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP081220\
 Data File : BP002961.D
 Acq On : 12 Aug 2020 21:53
 Operator : CG/JU
 Sample : L3648-09
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BS-STOCK-5

Quant Time: Aug 13 00:52:52 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	7.70	152	195588	20.00	ng	0.00
21) Naphthalene-d8	10.48	136	824482	20.00	ng	0.00
39) Acenaphthene-d10	14.33	164	500052	20.00	ng	0.00
64) Phenanthrene-d10	17.09	188	1107707	20.00	ng	0.00
76) Chrysene-d12	21.17	240	1449816	20.00	ng	0.00
86) Perylene-d12	23.43	264	1824055	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.30	112	754391	59.03	ng	0.00
7) Phenol-d6	6.87	99	642359	36.20	ng	-0.01
23) Nitrobenzene-d5	8.84	82	1000845	65.75	ng	0.00
42) 2,4,6-Tribromophenol	15.83	330	745677	119.98	ng	0.00
45) 2-Fluorobiphenyl	12.96	172	3037485	82.99	ng	0.00
79) Terphenyl-d14	19.66	244	5087149	70.25	ng	0.00

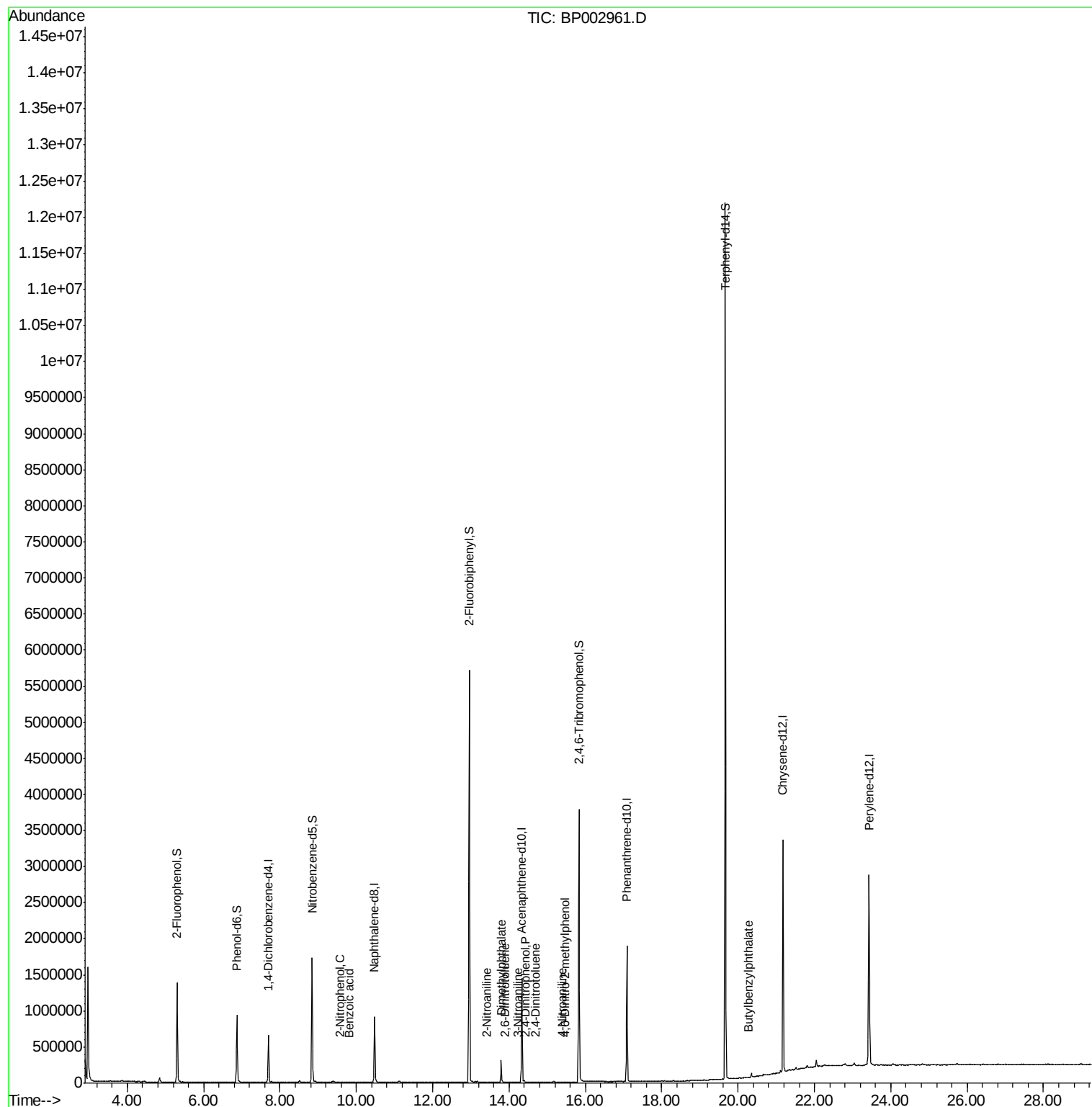
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
26) 2-Nitrophenol	9.58	139	47	4.527	ng	# 29
32) Benzoic acid	9.82	122	124	7.700	ng	# 1
48) 2-Nitroaniline	13.40	65	190	3.993	ng	# 22
50) Dimethylphthalate	13.79	163	211727	5.414	ng	98
51) 2,6-Dinitrotoluene	13.90	165	478	2.950	ng	# 59
53) 3-Nitroaniline	14.23	138	7	3.274	ng	# 1
54) 2,4-Dinitrophenol	14.43	184	14	8.061	ng	# 78
57) 2,4-Dinitrotoluene	14.69	165	48	3.810	ng	# 95
62) 4-Nitroaniline	15.41	138	7	2.417	ng	73
65) 4,6-Dinitro-2-methylphenol	15.46	198	8	6.901	ng	# 1
80) Butylbenzylphthalate	20.27	149	152	3.061	ng	92

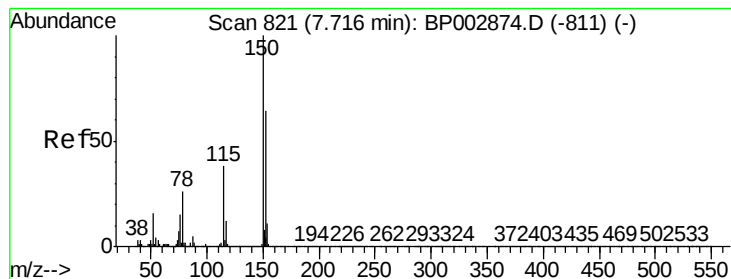
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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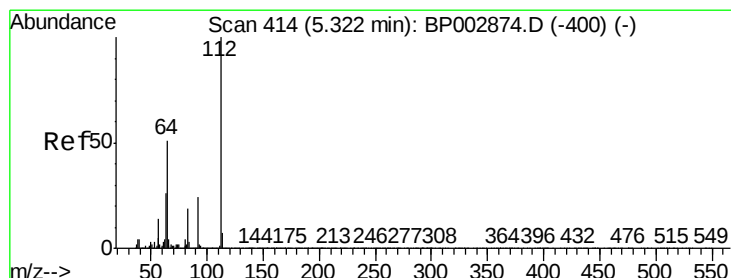
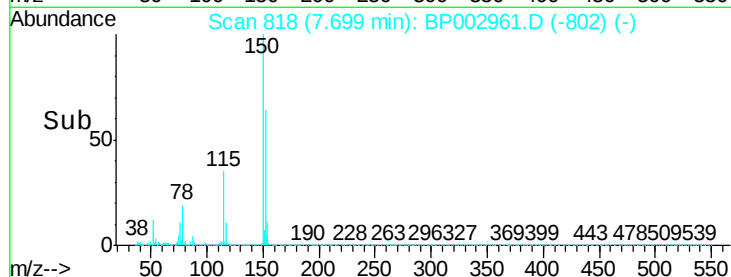
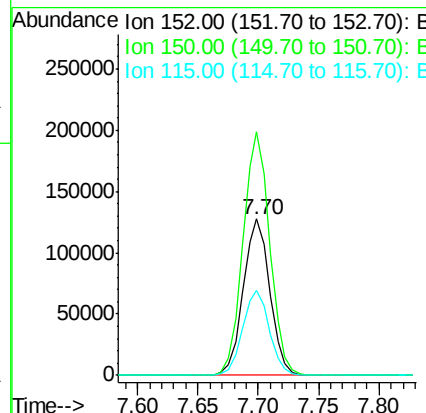
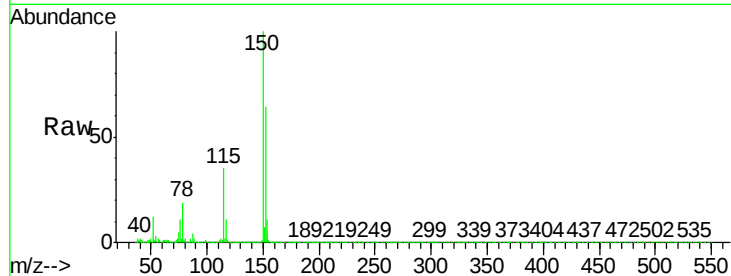


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.70 min Scan# 818
Delta R.T. -0.01 min
Lab File: BP002961.D
Acq: 12 Aug 2020 21:53

Instrument :
BNA_P
ClientSampleId :
BS-STOCK-5

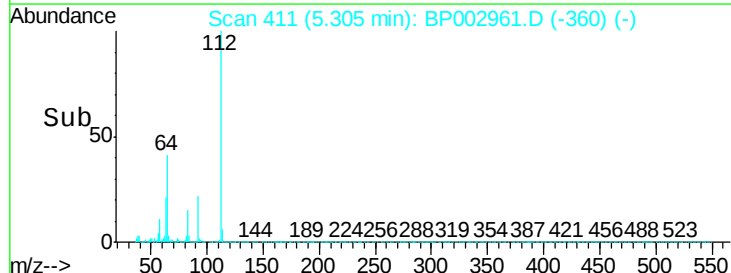
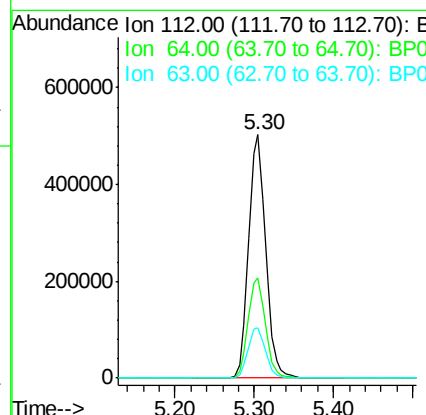
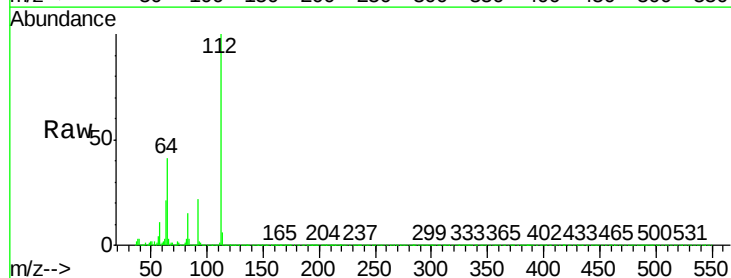
Tot Ion	Ratio	Lower	Upper
152	100		
150	155.7	124.2	186.4
115	54.3	42.1	63.1

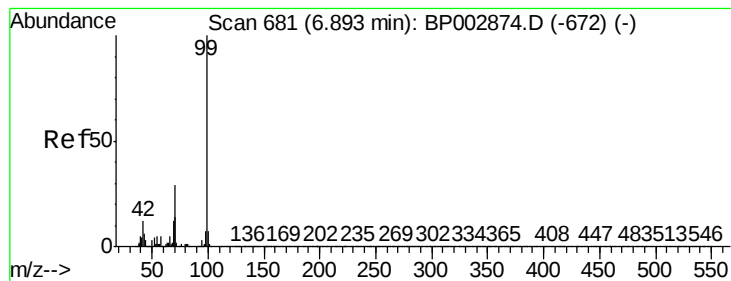


#5

2-Fluorophenol
Concen: 59.032 ng
RT: 5.30 min Scan# 411
Delta R.T. -0.00 min
Lab File: BP002961.D
Acq: 12 Aug 2020 21:53

Tgt Ion	Ratio	Lower	Upper
112	100		
64	41.1	33.8	50.8
63	20.6	17.2	25.8





#7

Phenol-d6

Concen: 36.204 ng

RT: 6.87 min Scan# 677

Delta R.T. -0.01 min

Lab File: BP002961.D

Acq: 12 Aug 2020 21:53

Instrument :

BNA_P

ClientSampled :

BS-STOCK-5

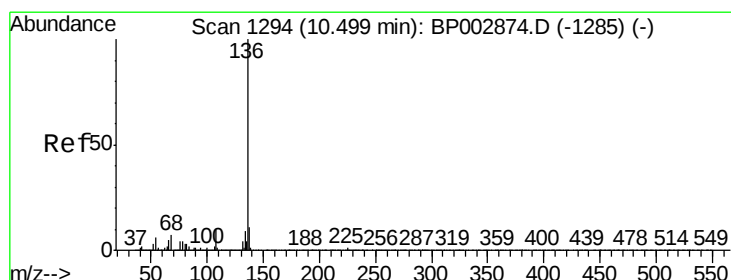
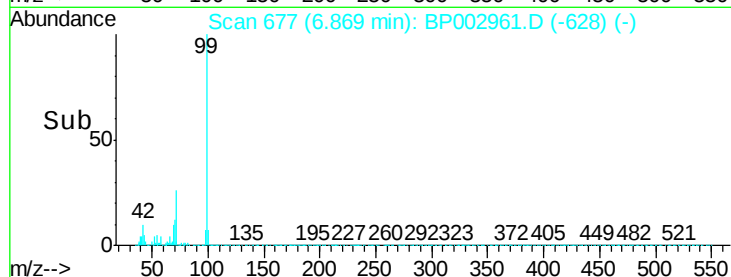
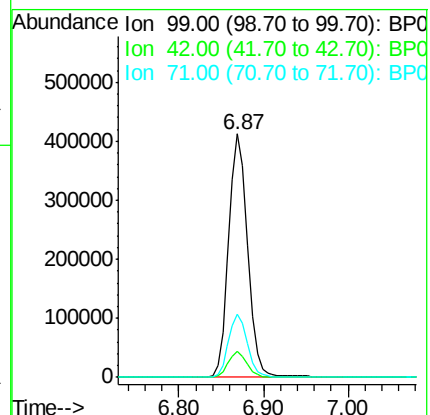
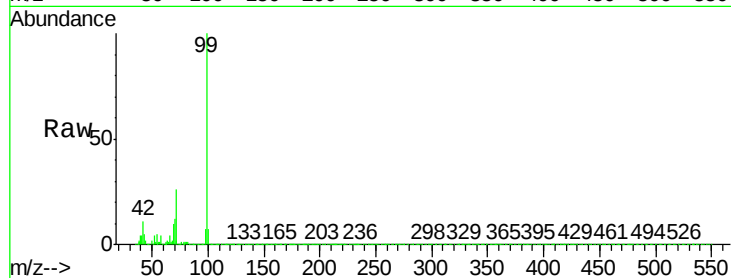
Tot Ion: 99 Resp: 642359

Ion Ratio Lower Upper

99 100

42 10.5 8.1 12.1

71 25.8 21.0 31.4



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.48 min Scan# 1290

Delta R.T. -0.01 min

Lab File: BP002961.D

Acq: 12 Aug 2020 21:53

Tgt Ion: 136 Resp: 824482

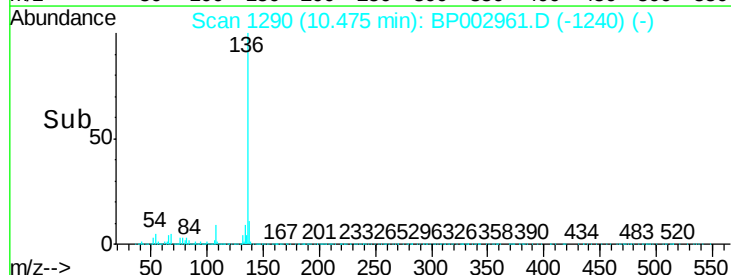
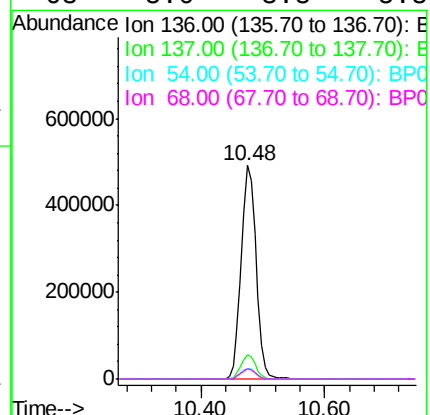
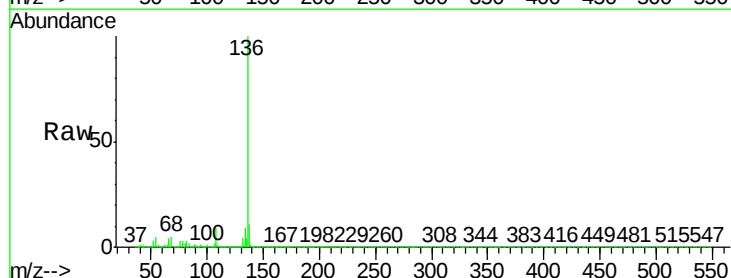
Ion Ratio Lower Upper

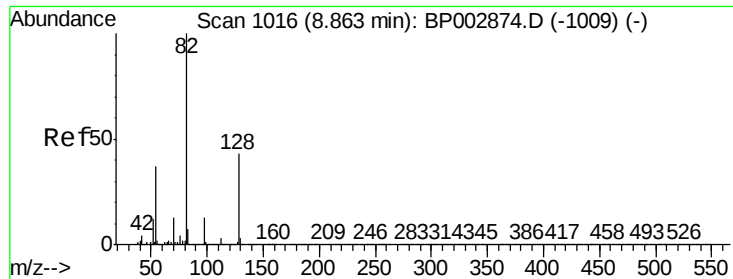
136 100

137 11.1 9.0 13.4

54 4.9 3.9 5.9

68 5.0 3.8 5.8

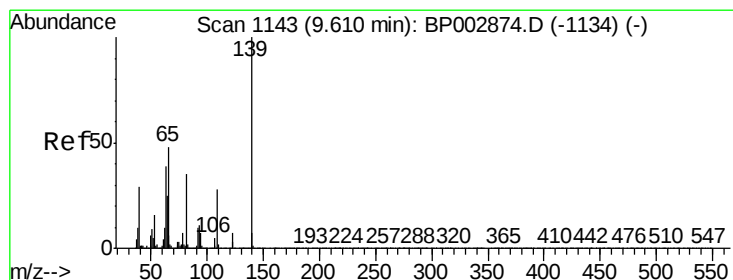
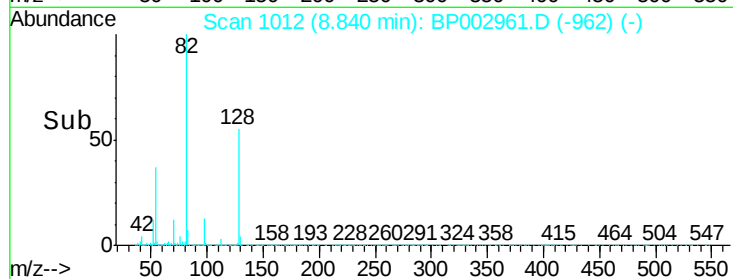
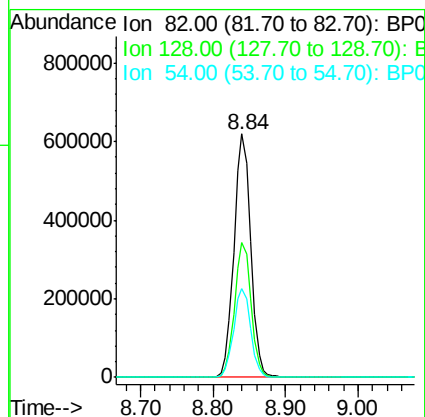
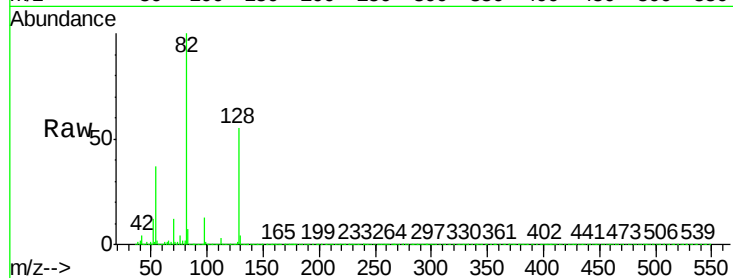




#23
Nitrobenzene-d5
Concen: 65.748 ng
RT: 8.84 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BP002961.D
Acq: 12 Aug 2020 21:53

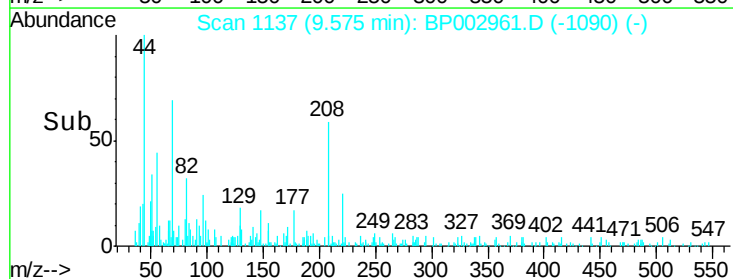
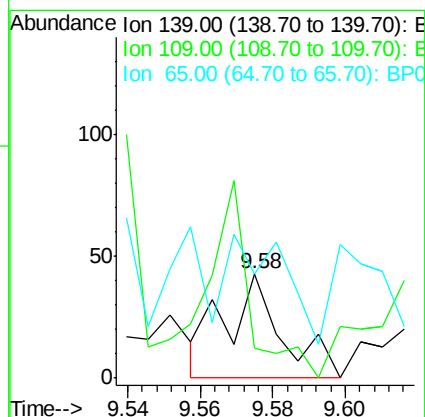
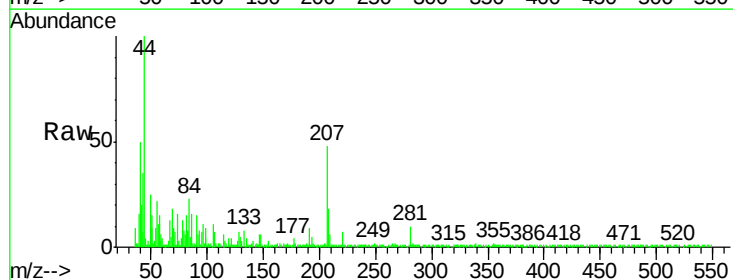
Instrument :
BNA_P
ClientSampleId :
BS-STOCK-5

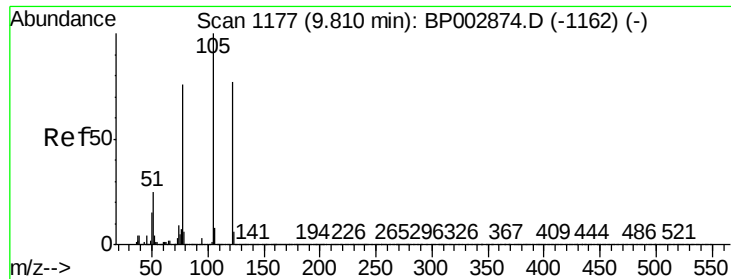
Tot Ion: 82 Resp: 1000845
Ion Ratio Lower Upper
82 100
128 55.4 44.6 66.8
54 36.5 29.2 43.8



#26
2-Nitrophenol
Concen: 4.527 ng
RT: 9.58 min Scan# 1137
Delta R.T. -0.02 min
Lab File: BP002961.D
Acq: 12 Aug 2020 21:53

Tgt Ion: 139 Resp: 47
Ion Ratio Lower Upper
139 100
109 27.9 19.5 29.3
65 100.0 26.6 40.0#

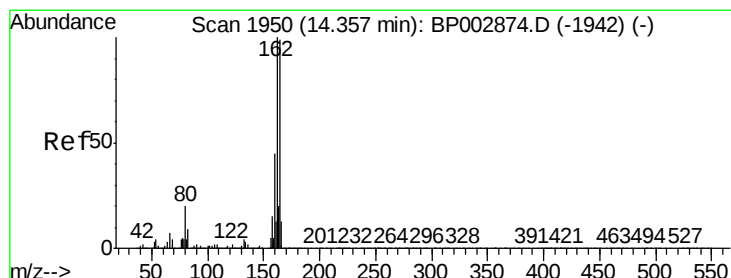
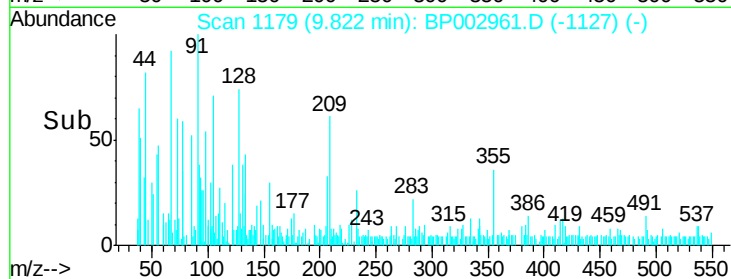
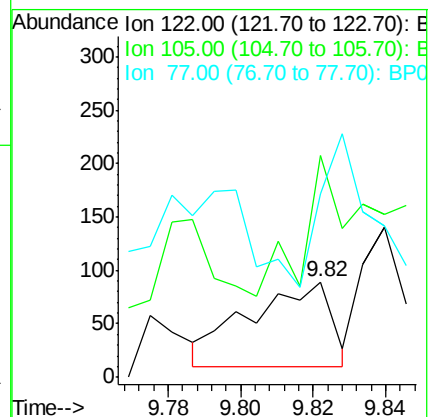
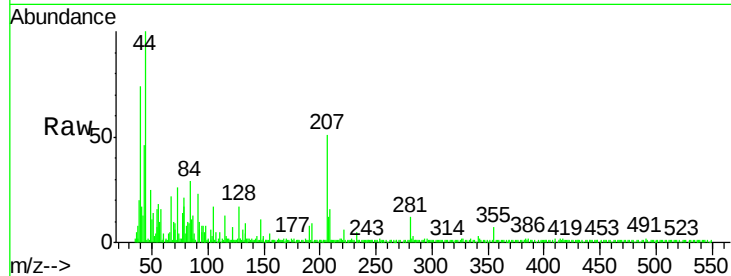




#32
Benzoic acid
Concen: 7.700 ng
RT: 9.82 min Scan# 1179
Delta R.T. 0.01 min
Lab File: BP002961.D
Acq: 12 Aug 2020 21:53

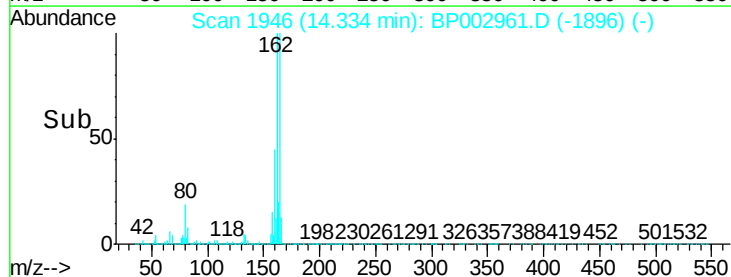
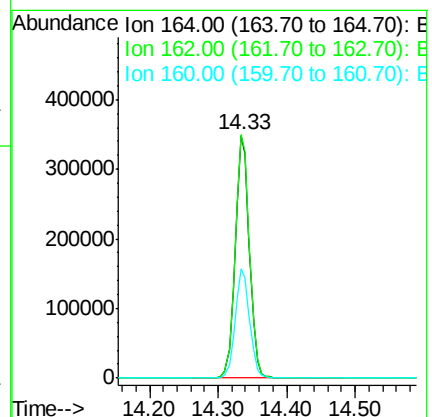
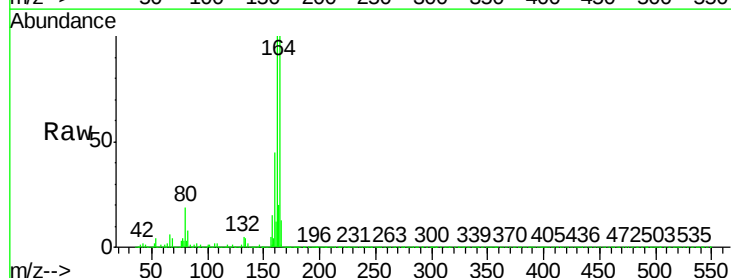
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BNA_P
ClientSampleId :
BS-STOCK-5

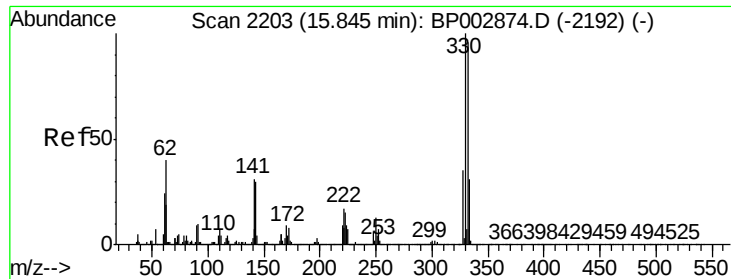
Tot Ion:122 Resp: 124
Ion Ratio Lower Upper
122 100
105 240.4 95.8 135.8#
77 193.3 54.7 94.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.33 min Scan# 1946
Delta R.T. -0.01 min
Lab File: BP002961.D
Acq: 12 Aug 2020 21:53

Tgt Ion:164 Resp: 500052
Ion Ratio Lower Upper
164 100
162 100.5 81.0 121.4
160 44.9 36.2 54.4

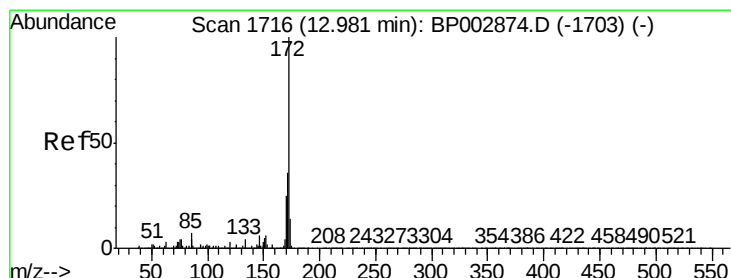
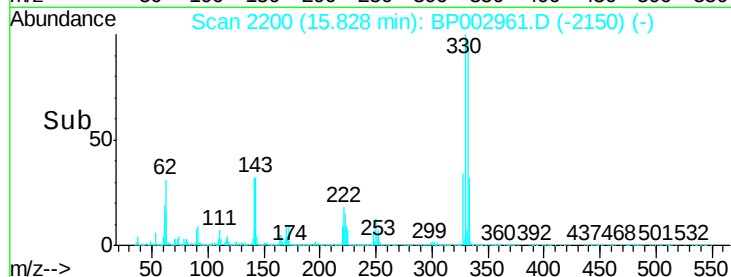
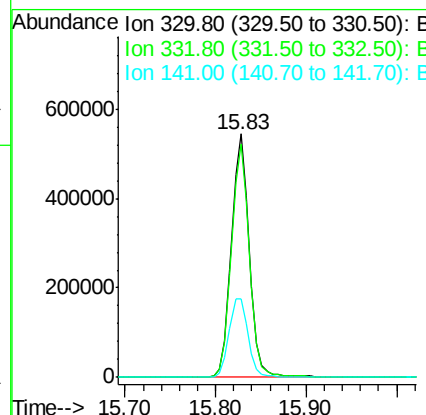
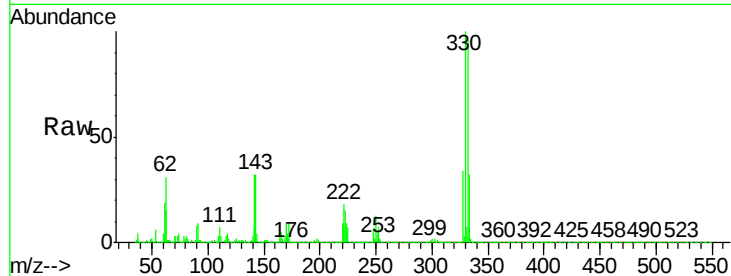




#42
 2,4,6-Tribromophenol
 Concen: 119.979 ng
 RT: 15.83 min Scan# 2200
 Delta R.T. -0.01 min
 Lab File: BP002961.D
 Acq: 12 Aug 2020 21:53

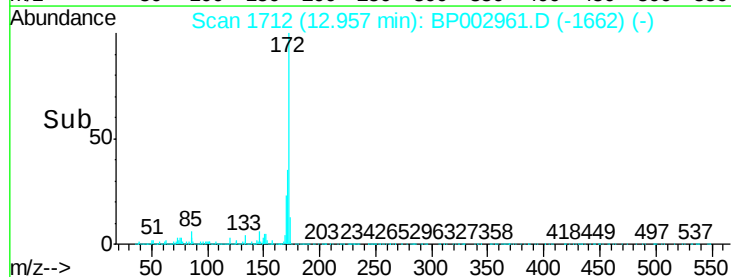
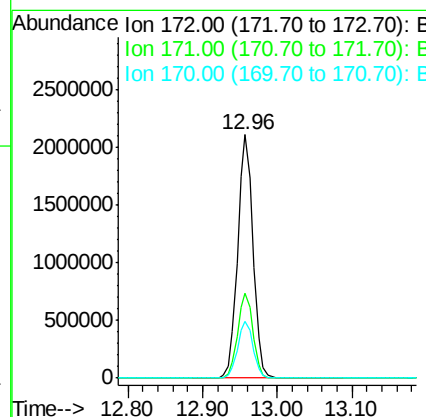
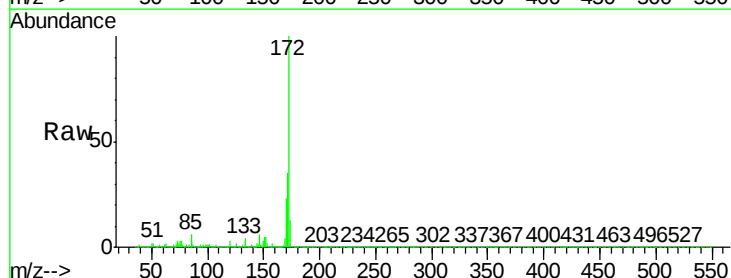
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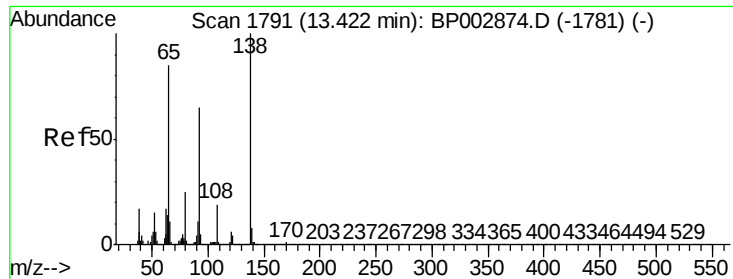
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.0	115.4
141	35.0	28.6	43.0



#45
 2-Fluorobiphenyl
 Concen: 82.994 ng
 RT: 12.96 min Scan# 1712
 Delta R.T. -0.01 min
 Lab File: BP002961.D
 Acq: 12 Aug 2020 21:53

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.1	29.6	44.4
170	23.4	19.6	29.4

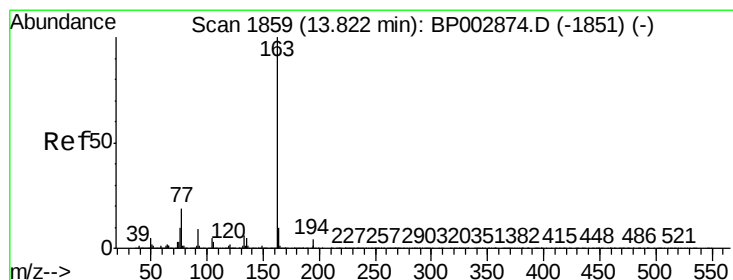
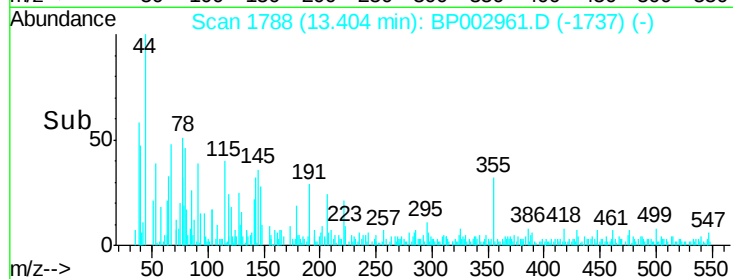
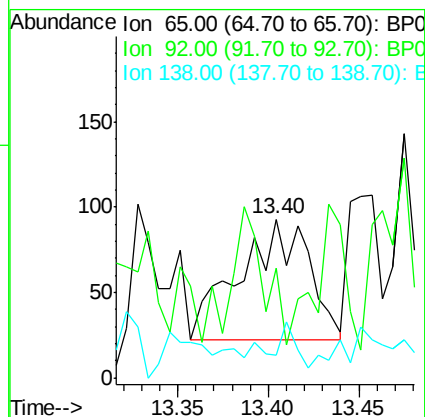
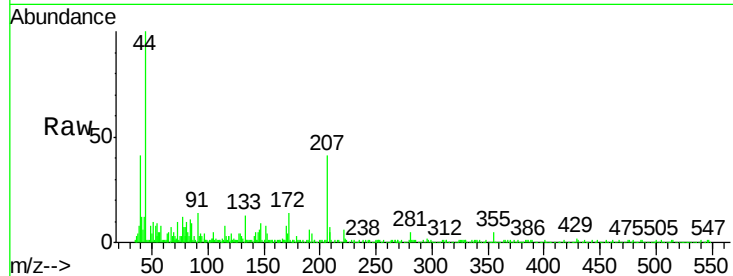




#48
2-Nitroaniline
Concen: 3.993 ng
RT: 13.40 min Scan# 1788
Delta R.T. -0.00 min
Lab File: BP002961.D
Acq: 12 Aug 2020 21:53

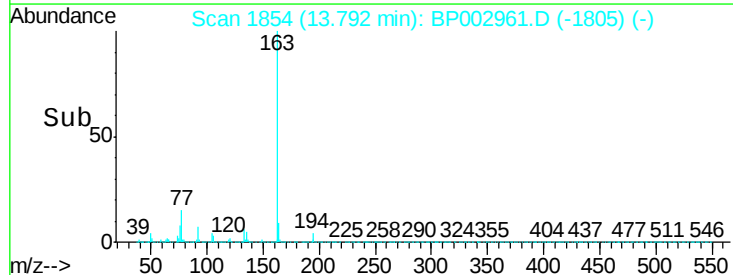
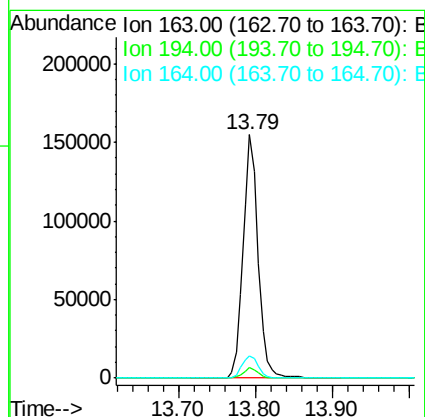
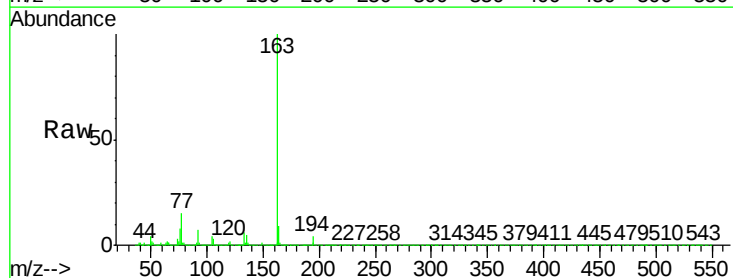
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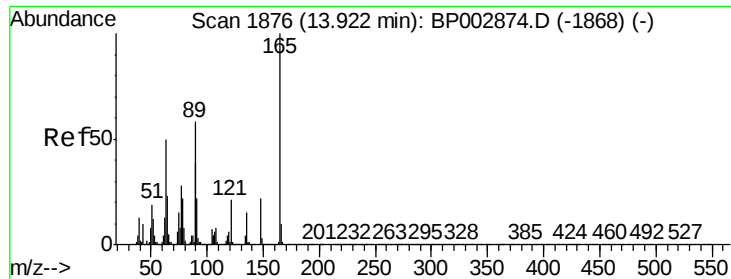
Tot Ion: 65 Resp: 190
Ion Ratio Lower Upper
65 100
92 68.8 69.6 104.4#
138 14.0 125.6 188.4#



#50
Dimethylphthalate
Concen: 5.414 ng
RT: 13.79 min Scan# 1854
Delta R.T. -0.01 min
Lab File: BP002961.D
Acq: 12 Aug 2020 21:53

Tgt Ion: 163 Resp: 211727
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.0
164 9.1 8.2 12.4





#51

2,6-Dinitrotoluene

Concen: 2.950 ng

RT: 13.90 min Scan# 1872

Delta R.T. -0.01 min

Lab File: BP002961.D

Acq: 12 Aug 2020 21:53

Instrument :

BNA_P

ClientSampleId :

BS-STOCK-5

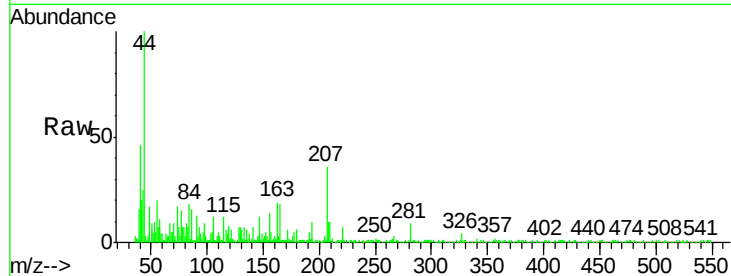
Tot Ion:165 Resp: 478

Ion Ratio Lower Upper

165 100

63 20.5 27.5 41.3#

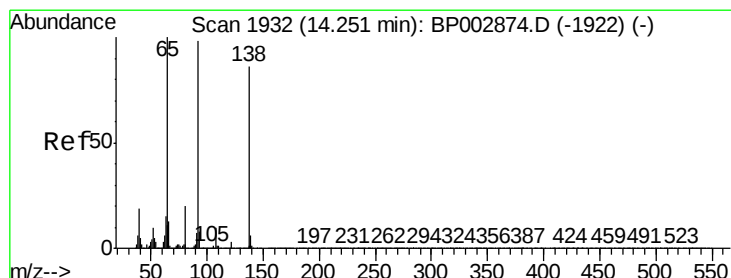
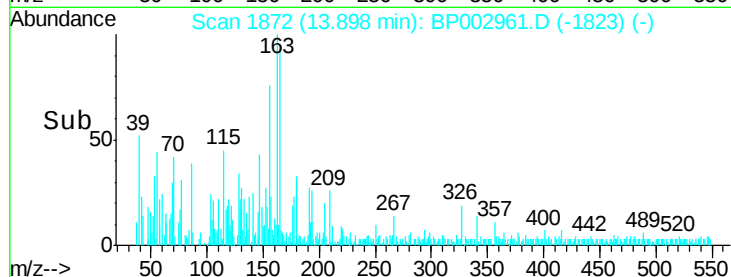
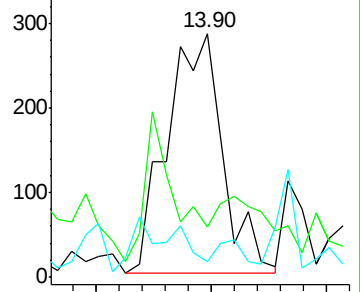
89 8.7 35.3 52.9#



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: 3.274 ng

RT: 14.23 min Scan# 1929

Delta R.T. -0.00 min

Lab File: BP002961.D

Acq: 12 Aug 2020 21:53

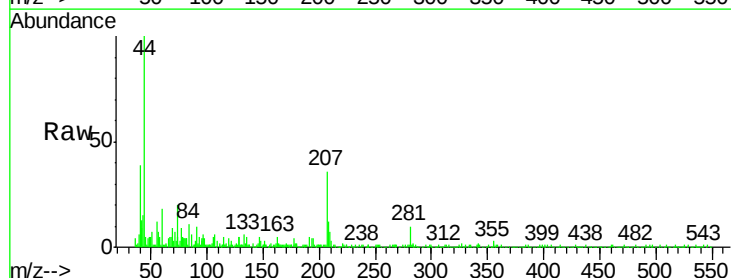
Tgt Ion:138 Resp: 7

Ion Ratio Lower Upper

138 100

108 42.1 7.2 10.8#

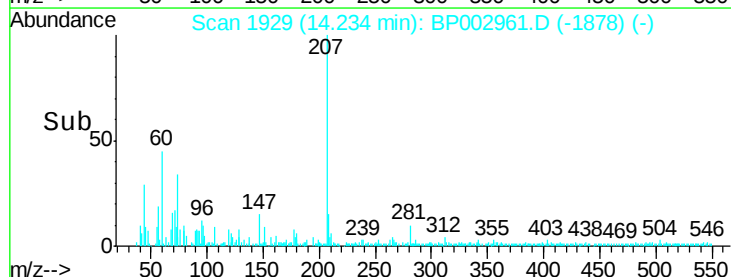
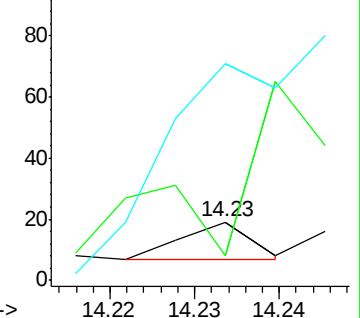
92 373.7 75.8 113.6#

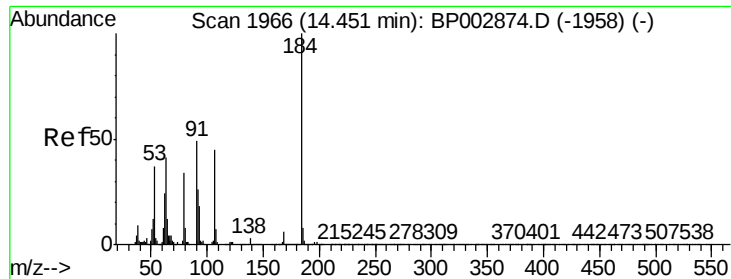


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BP0

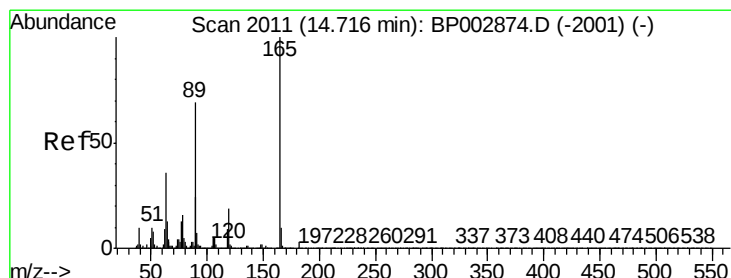
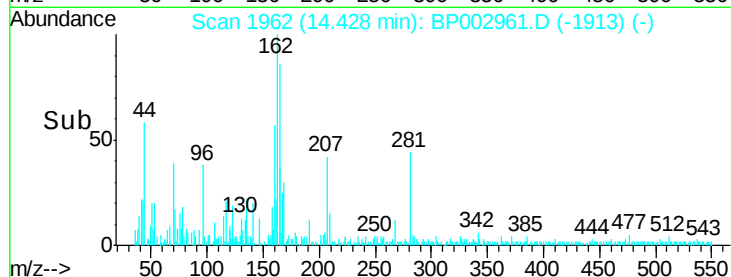
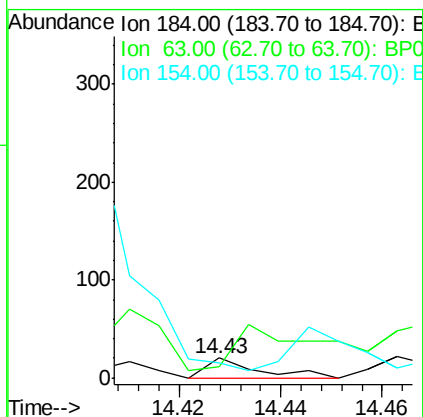
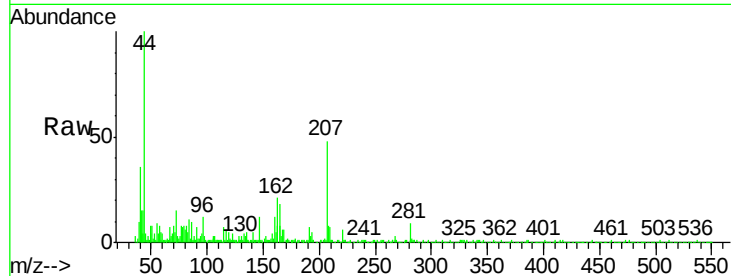




#54
2,4-Dinitrophenol
Concen: 8.061 ng
RT: 14.43 min Scan# 1962
Delta R.T. -0.01 min
Lab File: BP002961.D
Acq: 12 Aug 2020 21:53

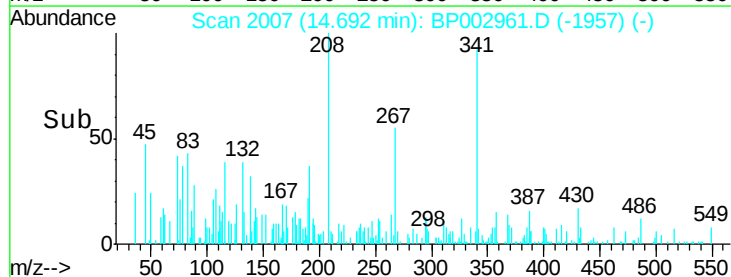
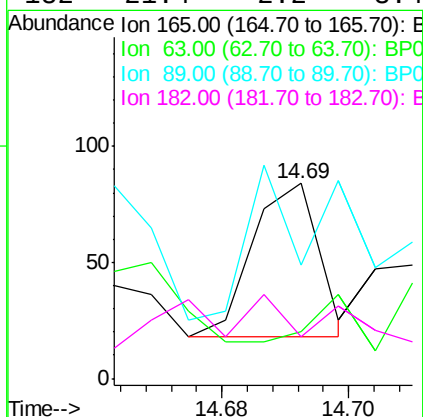
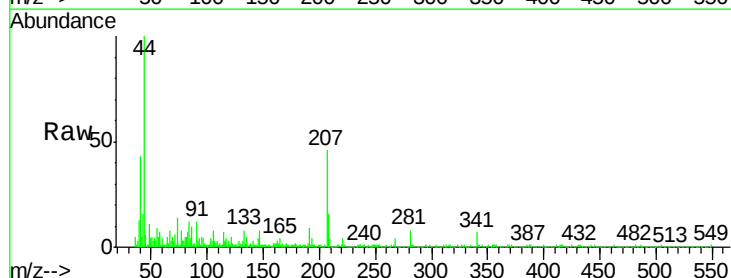
Instrument :
BNA_P
ClientSampleId :
BS-STOCK-5

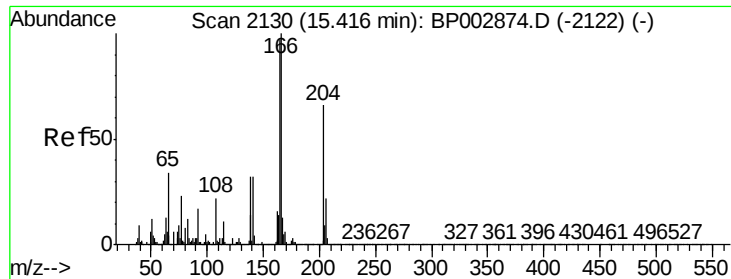
Tot Ion:184 Resp: 14
Ion Ratio Lower Upper
184 100
63 60.0 36.4 54.6#
154 75.0 46.6 69.8#



#57
2,4-Dinitrotoluene
Concen: 3.810 ng
RT: 14.69 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BP002961.D
Acq: 12 Aug 2020 21:53

Tgt Ion:165 Resp: 48
Ion Ratio Lower Upper
165 100
63 23.8 22.6 34.0
89 58.3 46.2 69.2
182 21.4 2.2 3.4#

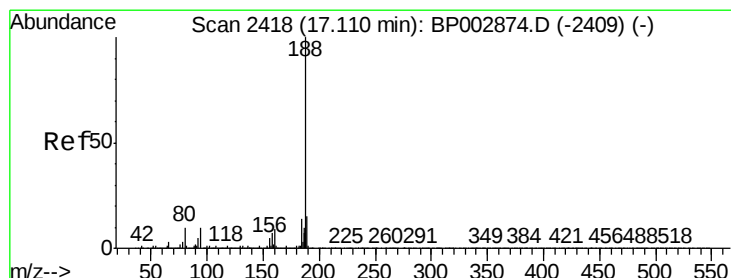
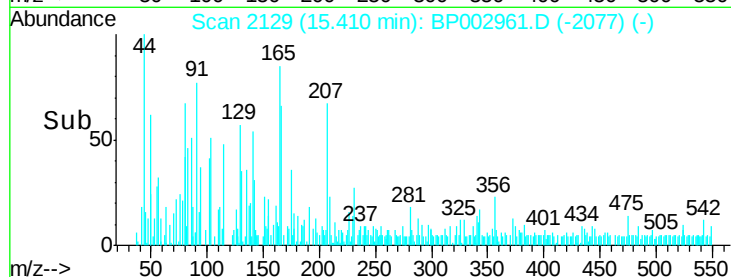
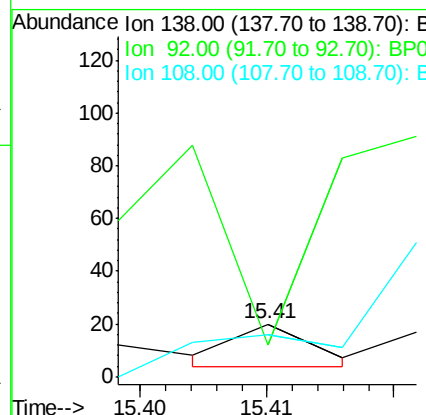
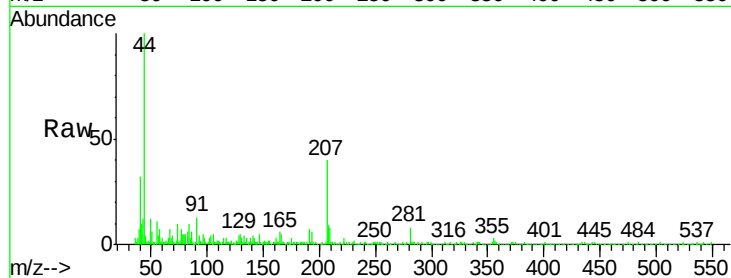




#62
4-Nitroaniline
Concen: 2.417 ng
RT: 15.41 min Scan# 2129
Delta R.T. 0.01 min
Lab File: BP002961.D
Acq: 12 Aug 2020 21:53

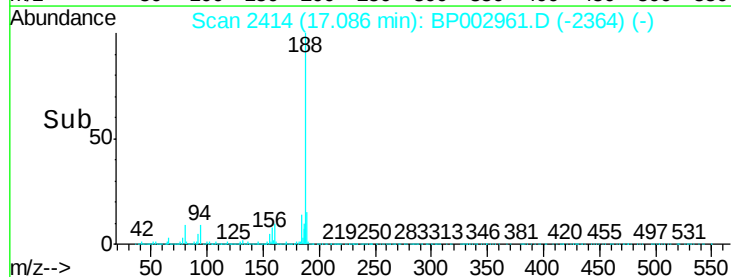
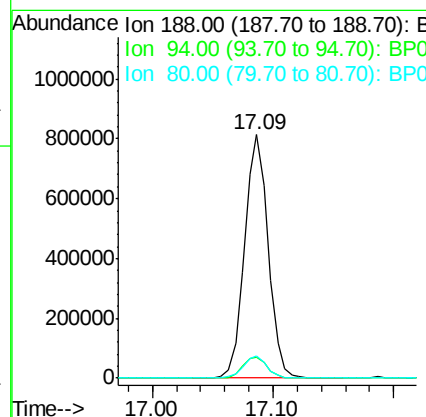
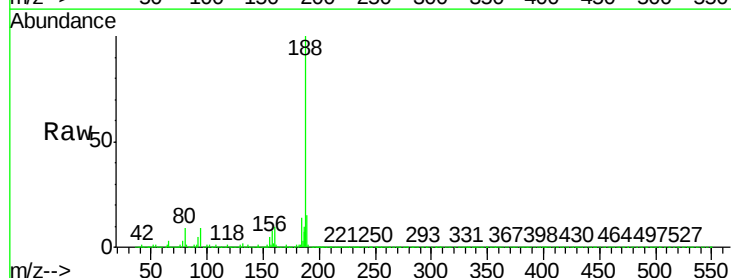
Instrument :
BNA_P
ClientSampleId :
BS-STOCK-5

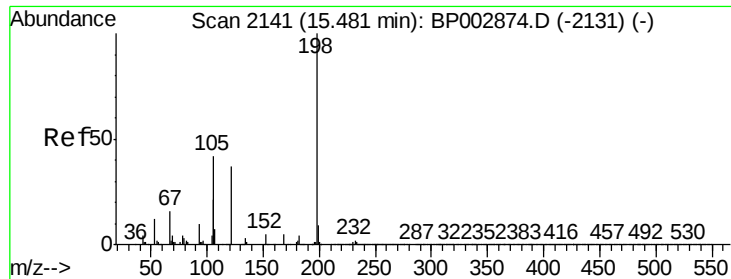
Tot Ion:138 Resp: 7
Ion Ratio Lower Upper
138 100
92 60.0 21.2 61.2
108 80.0 40.5 80.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.09 min Scan# 2414
Delta R.T. -0.01 min
Lab File: BP002961.D
Acq: 12 Aug 2020 21:53

Tgt Ion:188 Resp: 1107707
Ion Ratio Lower Upper
188 100
94 8.6 7.0 10.6
80 9.0 7.0 10.6

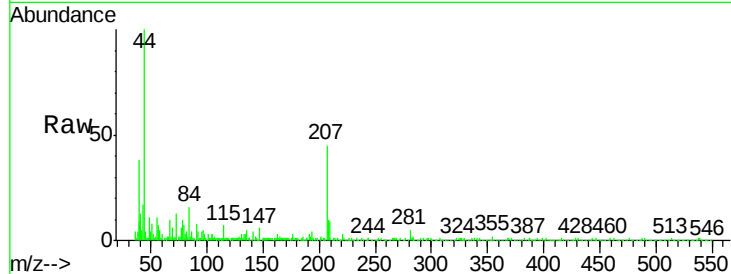




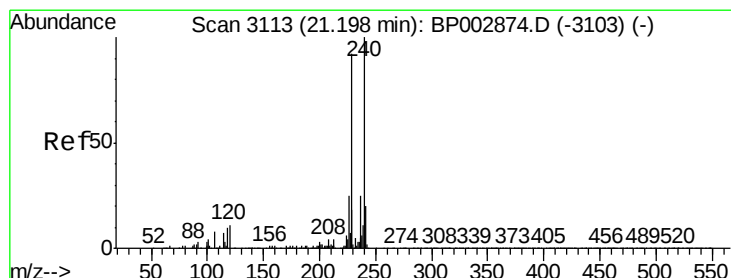
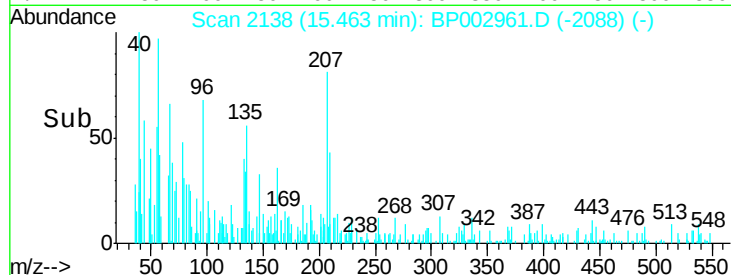
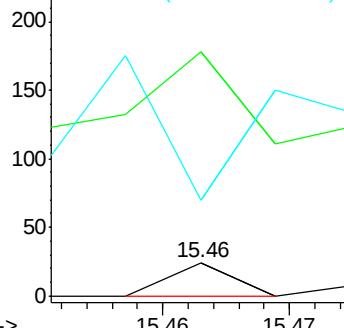
#65
4,6-Dinitro-2-methylphenol
Concen: 6.901 ng
RT: 15.46 min Scan# 2138
Delta R.T. -0.01 min
Lab File: BP002961.D
Acq: 12 Aug 2020 21:53

Instrument :
BNA_P
ClientSampleId :
BS-STOCK-5

Tot Ion:198 Resp: 8
Ion Ratio Lower Upper
198 100
51 741.7 6.5 46.5#
105 291.7 20.4 60.4#

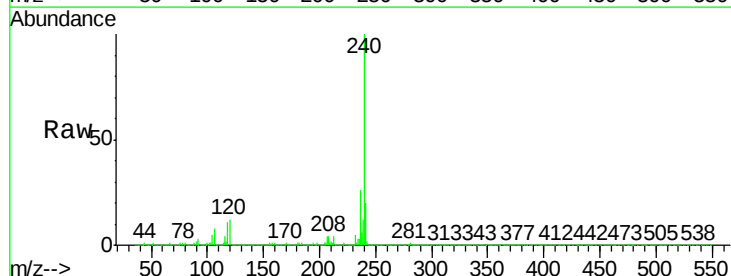


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BP0
Ion 105.00 (104.70 to 105.70): E

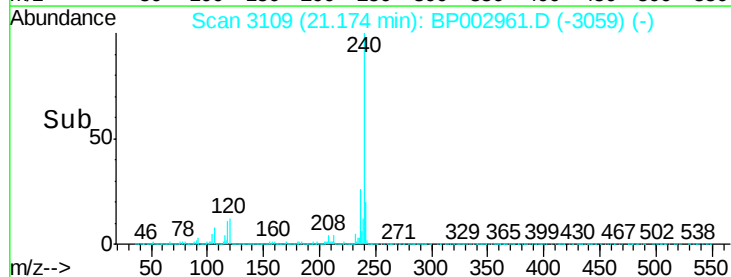
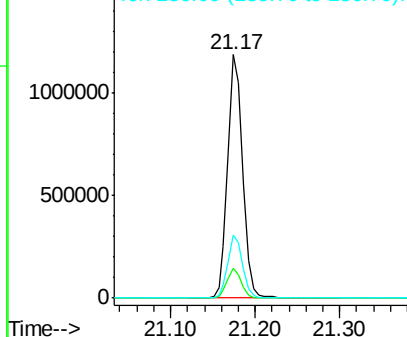


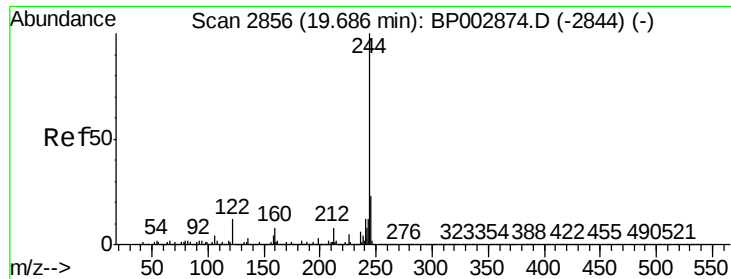
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.17 min Scan# 3109
Delta R.T. -0.01 min
Lab File: BP002961.D
Acq: 12 Aug 2020 21:53

Tgt Ion:240 Resp: 1449816
Ion Ratio Lower Upper
240 100
120 12.4 10.6 16.0
236 26.0 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 70.245 ng

RT: 19.66 min Scan# 2852

Delta R.T. -0.01 min

Lab File: BP002961.D

Acq: 12 Aug 2020 21:53

Instrument :

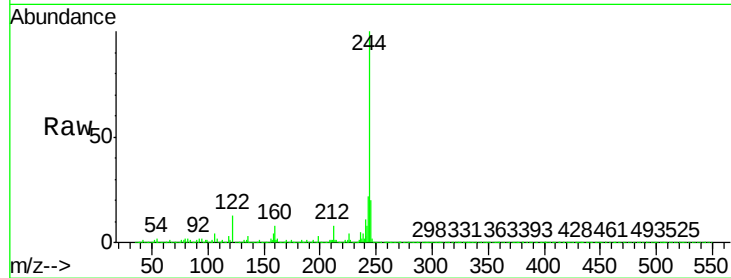
BNA_P

ClientSampleId :

BS-STOCK-5

Tot Ion:244 Resp: 5087149

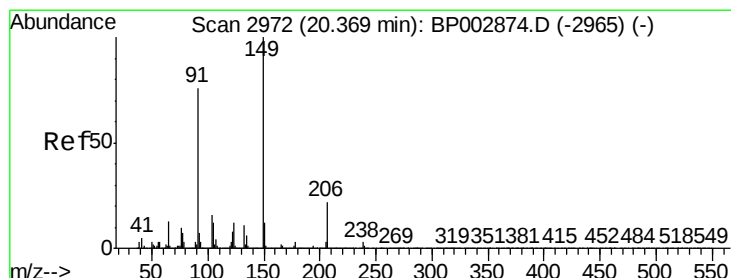
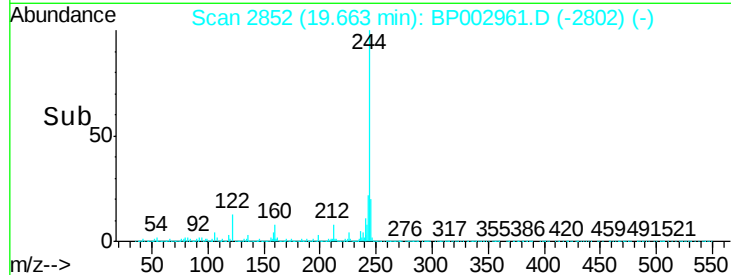
Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.3	9.5
122	13.0	9.9	14.9



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: 3.061 ng

RT: 20.27 min Scan# 2955

Delta R.T. -0.08 min

Lab File: BP002961.D

Acq: 12 Aug 2020 21:53

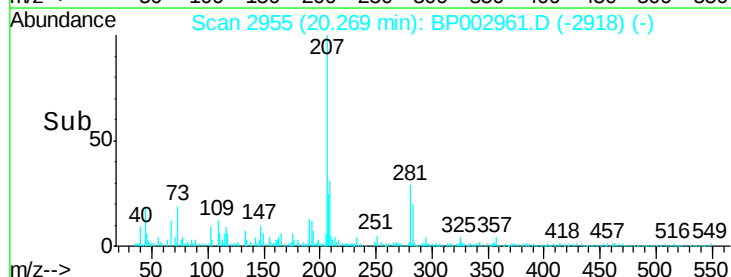
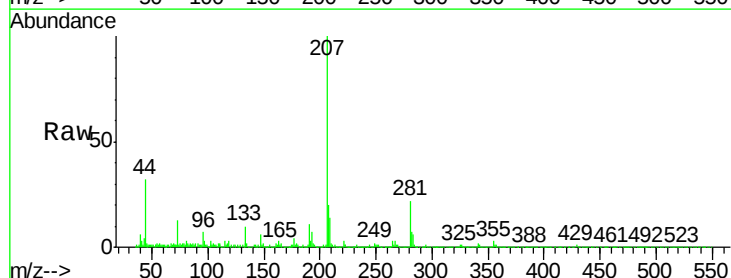
Tgt Ion:149 Resp: 152

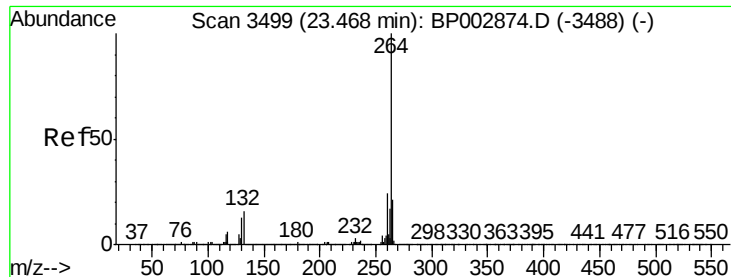
Ion	Ratio	Lower	Upper
149	100		
91	64.2	46.5	69.7
206	25.8	17.2	25.8

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

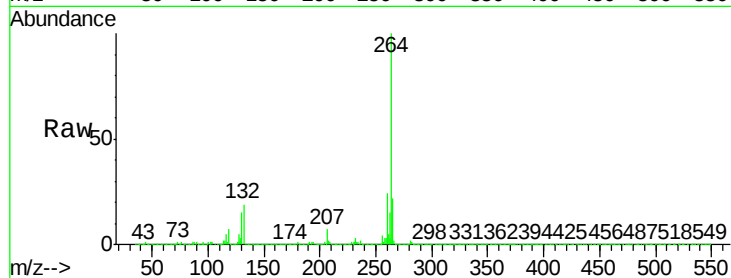




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 23.43 min Scan# 3492
 Delta R.T. -0.01 min
 Lab File: BP002961.D
 Acq: 12 Aug 2020 21:53

Instrument :
 BNA_P
 ClientSampleId :
 BS-STOCK-5

Tot Ion:264 Resp: 1824055
 Ion Ratio Lower Upper
 264 100
 260 24.0 18.7 28.1
 265 22.0 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

