

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP081220\
 Data File : BP002960.D
 Acq On : 12 Aug 2020 21:19
 Operator : CG/JU
 Sample : L3648-07
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BS-STOCK-4

Quant Time: Aug 13 00:51:37 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	167162	20.00	ng	0.00
21) Naphthalene-d8	10.47	136	702536	20.00	ng	0.00
39) Acenaphthene-d10	14.33	164	427555	20.00	ng	0.00
64) Phenanthrene-d10	17.09	188	936201	20.00	ng	0.00
76) Chrysene-d12	21.17	240	1298649	20.00	ng	0.00
86) Perylene-d12	23.43	264	1746127	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.30	112	714675	65.43	ng	0.00
7) Phenol-d6	6.87	99	610775	40.28	ng	-0.01
23) Nitrobenzene-d5	8.84	82	934079	72.01	ng	0.00
42) 2,4,6-Tribromophenol	15.83	330	692387	130.29	ng	0.00
45) 2-Fluorobiphenyl	12.96	172	2764535	88.34	ng	0.00
79) Terphenyl-d14	19.66	244	4765548	73.46	ng	0.00

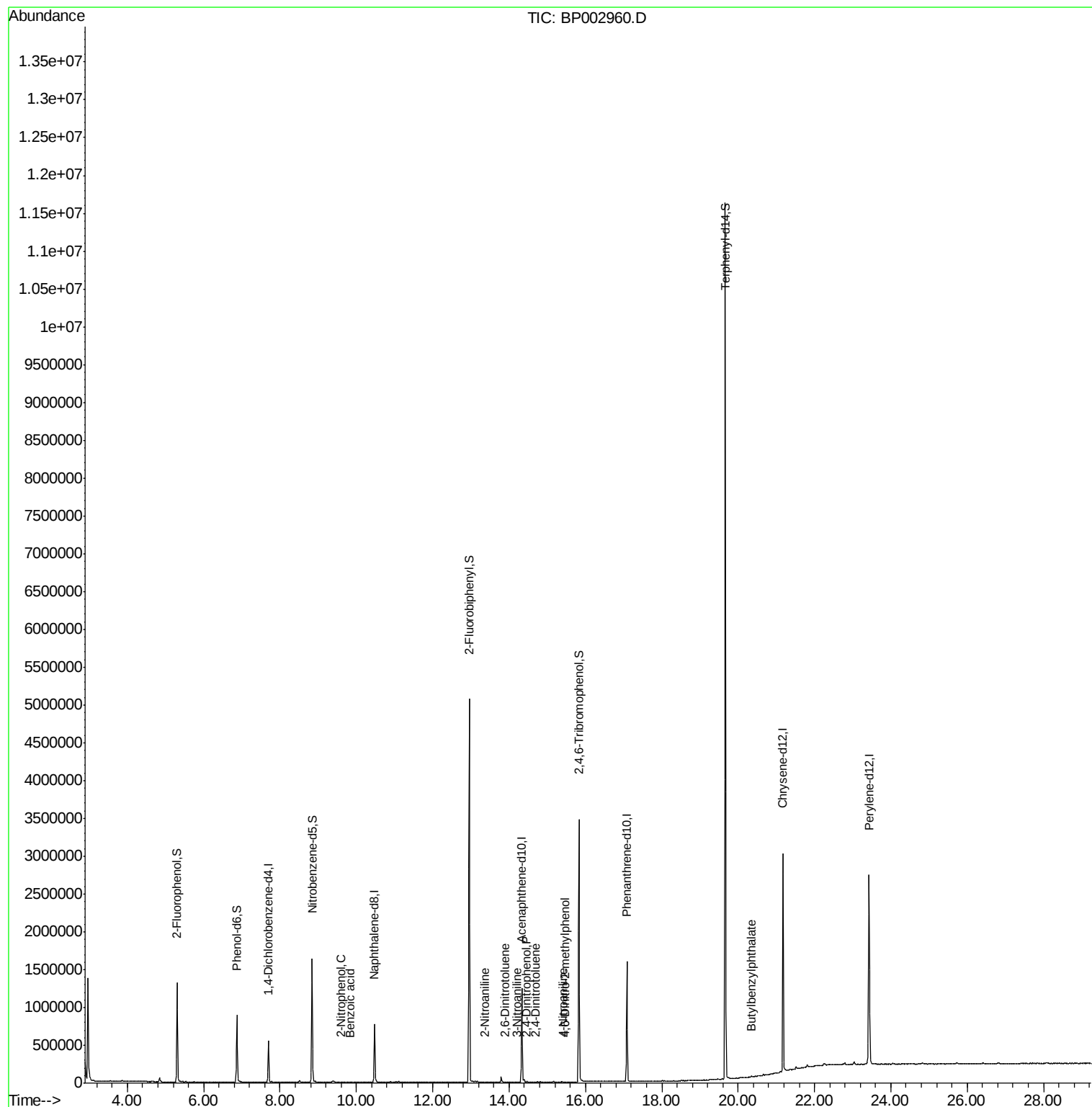
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
26) 2-Nitrophenol	9.61	139	14	4.523	ng	# 1
32) Benzoic acid	9.84	122	163	7.707	ng	# 83
48) 2-Nitroaniline	13.37	65	174	3.995	ng	# 7
51) 2,6-Dinitrotoluene	13.90	165	425	2.952	ng	# 56
53) 3-Nitroaniline	14.22	138	52	3.280	ng	# 75
54) 2,4-Dinitrophenol	14.45	184	46	8.070	ng	# 1
57) 2,4-Dinitrotoluene	14.70	165	80	3.813	ng	# 15
62) 4-Nitroaniline	15.42	138	35	2.420	ng	# 1
65) 4,6-Dinitro-2-methylphenol	15.47	198	29	6.905	ng	# 1
80) Butylbenzylphthalate	20.35	149	702	3.076	ng	# 44

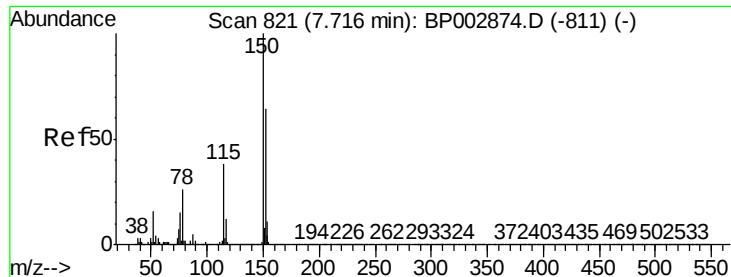
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP081220\
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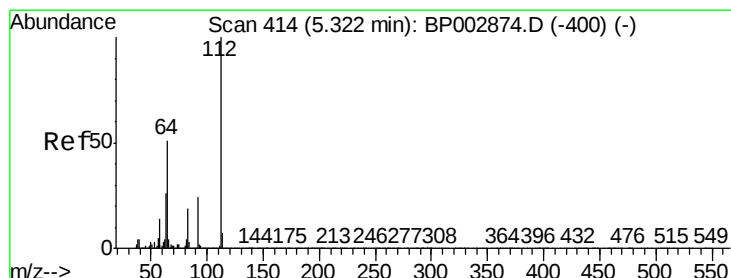
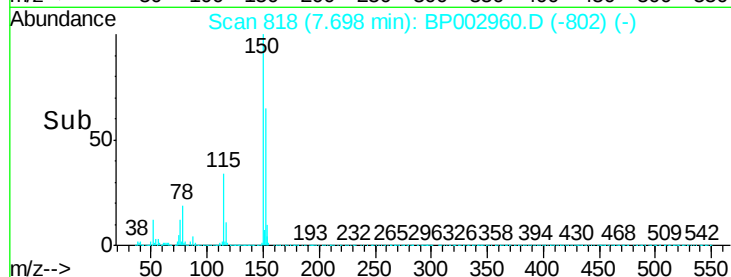
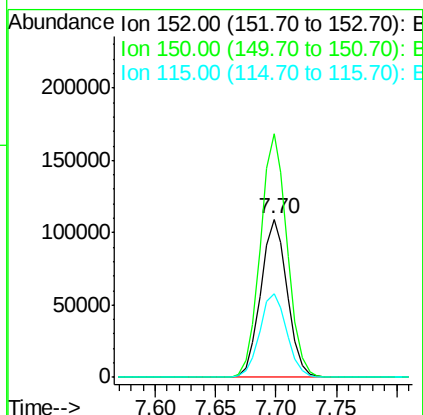
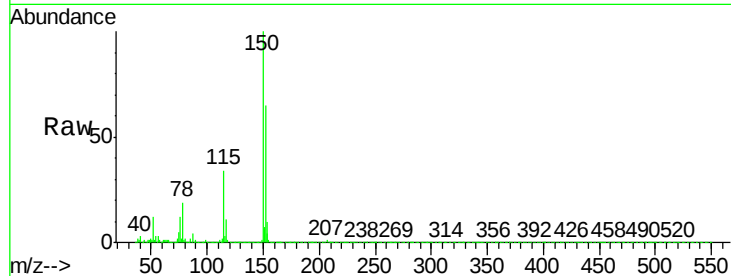


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.70 min Scan# 818
Delta R.T. -0.01 min
Lab File: BP002960.D
Acq: 12 Aug 2020 21:19

Instrument :
BNA_P
ClientSampleId :
BS-STOCK-4

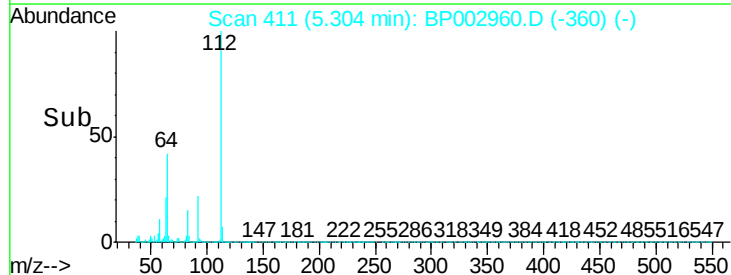
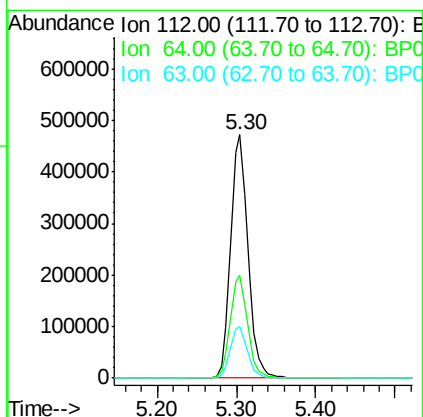
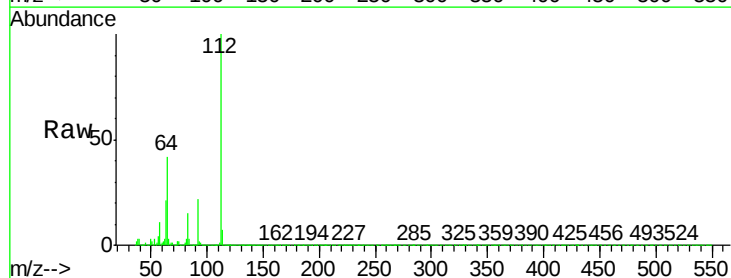
Tot Ion	Ratio	Lower	Upper
152	100		
150	154.0	124.2	186.4
115	52.9	42.1	63.1

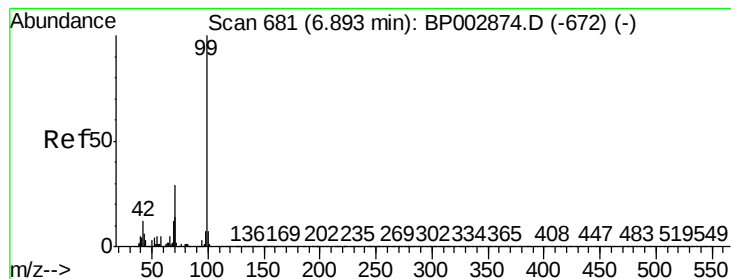


#5

2-Fluorophenol
Concen: 65.434 ng
RT: 5.30 min Scan# 411
Delta R.T. -0.00 min
Lab File: BP002960.D
Acq: 12 Aug 2020 21:19

Tgt Ion	Ratio	Lower	Upper
112	100		
64	42.2	33.8	50.8
63	21.1	17.2	25.8





#7

Phenol-d6

Concen: 40.278 ng

RT: 6.87 min Scan# 677

Delta R.T. -0.01 min

Lab File: BP002960.D

Acq: 12 Aug 2020 21:19

Instrument :

BNA_P

ClientSampleId :

BS-STOCK-4

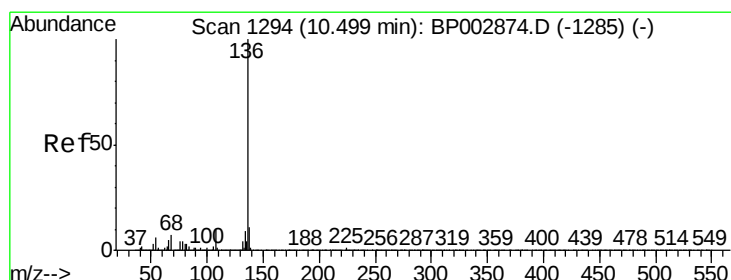
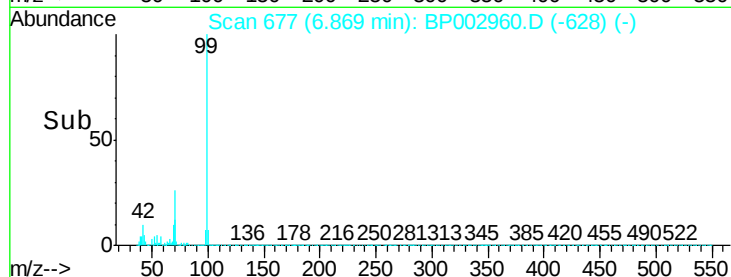
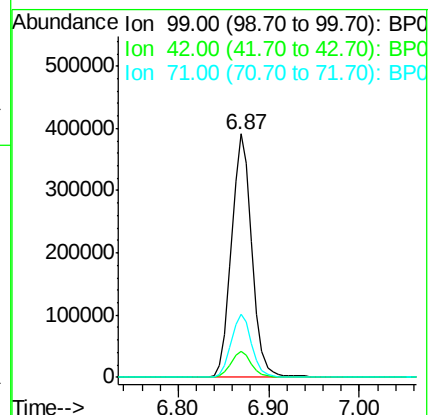
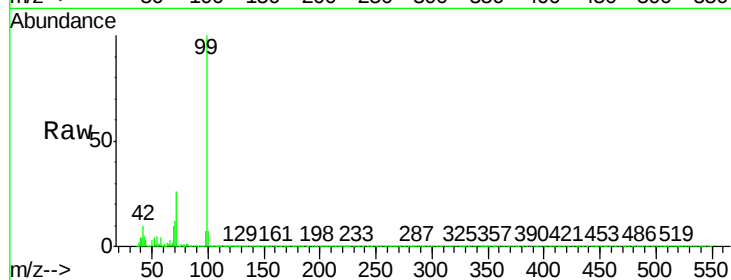
Tot Ion: 99 Resp: 610775

Ion Ratio Lower Upper

99 100

42 10.5 8.1 12.1

71 25.7 21.0 31.4



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.47 min Scan# 1290

Delta R.T. -0.01 min

Lab File: BP002960.D

Acq: 12 Aug 2020 21:19

Tgt Ion: 136 Resp: 702536

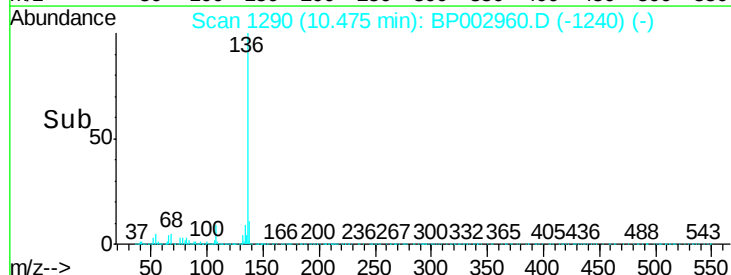
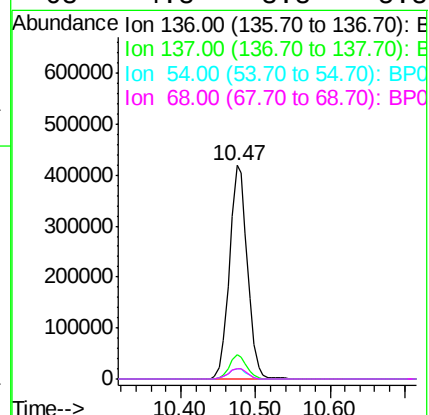
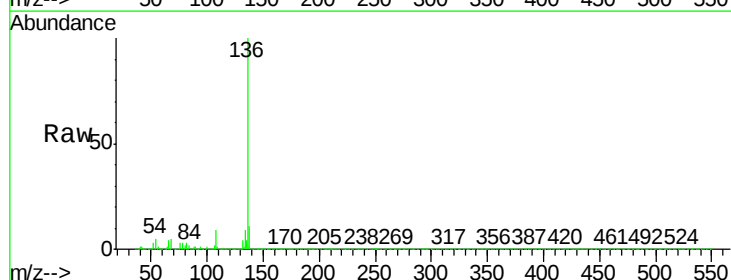
Ion Ratio Lower Upper

136 100

137 11.4 9.0 13.4

54 5.0 3.9 5.9

68 4.8 3.8 5.8

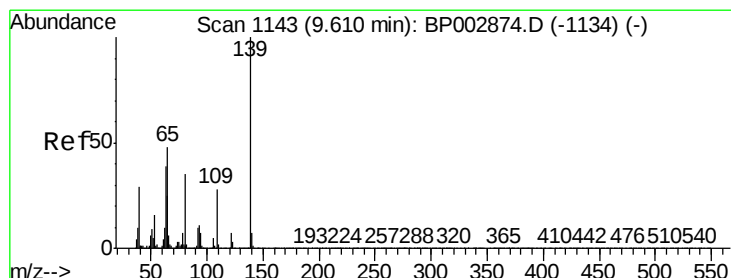
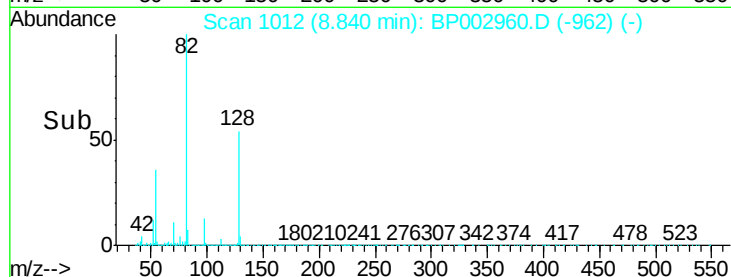
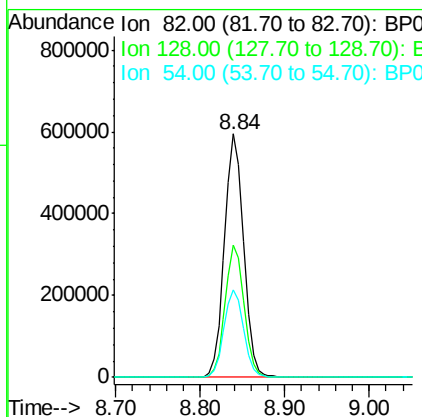
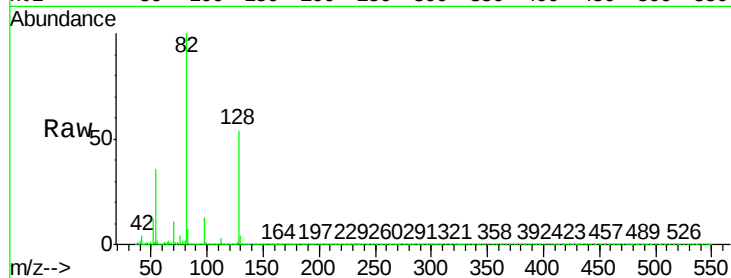




#23
Nitrobenzene-d5
Concen: 72.013 ng
RT: 8.84 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BP002960.D
Acq: 12 Aug 2020 21:19

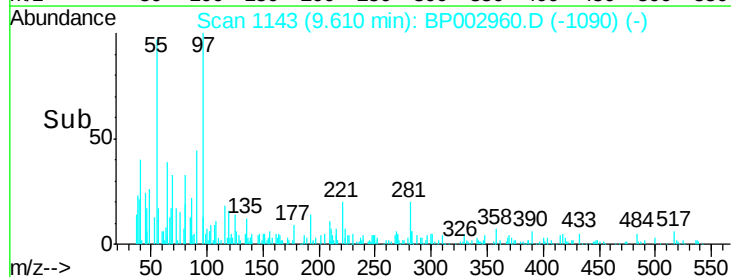
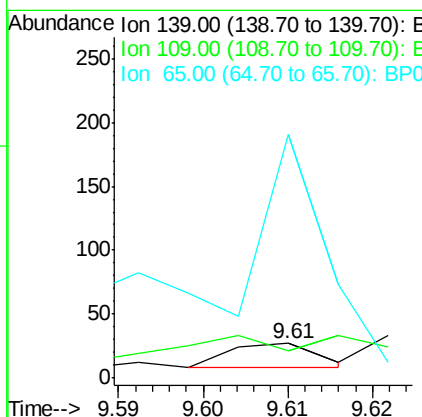
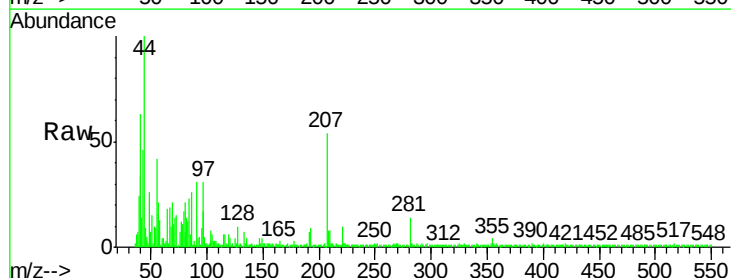
Instrument :
BNA_P
ClientSampleId :
BS-STOCK-4

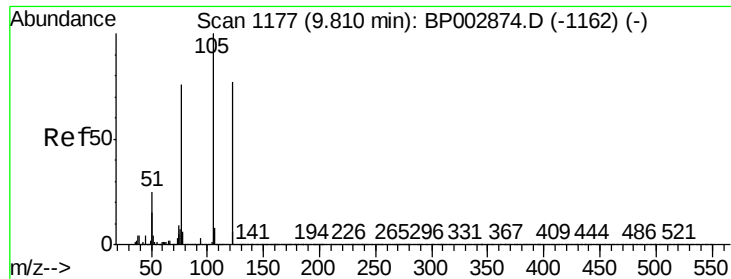
Tot Ion	82	Resp	934079
Ion Ratio	Lower	Upper	
82	100		
128	54.5	44.6	66.8
54	36.1	29.2	43.8



#26
2-Nitrophenol
Concen: 4.523 ng
RT: 9.61 min Scan# 1143
Delta R.T. 0.01 min
Lab File: BP002960.D
Acq: 12 Aug 2020 21:19

Tgt Ion	139	Resp	14
Ion Ratio	Lower	Upper	
139	100		
109	77.8	19.5	29.3#
65	707.4	26.6	40.0#

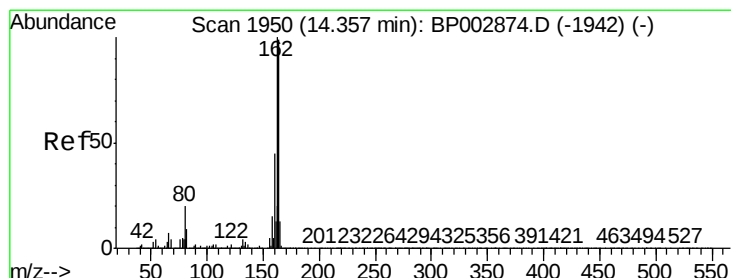
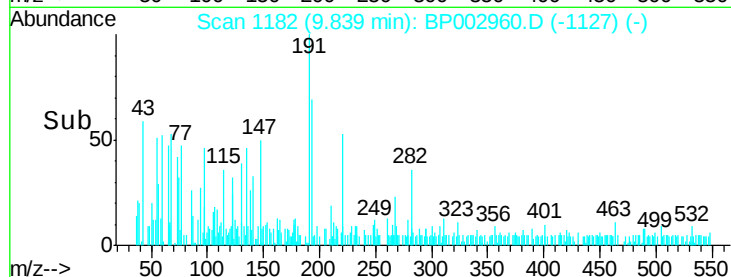
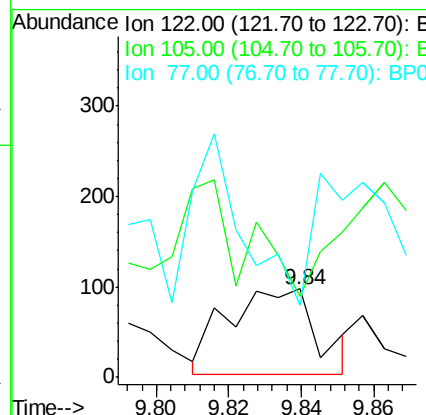
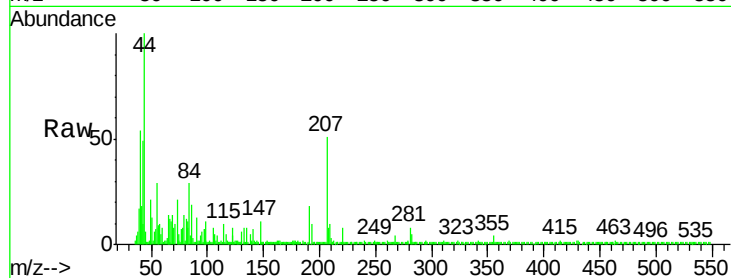




#32
Benzoic acid
Concen: 7.707 ng
RT: 9.84 min Scan# 1182
Delta R.T. 0.02 min
Lab File: BP002960.D
Acq: 12 Aug 2020 21:19

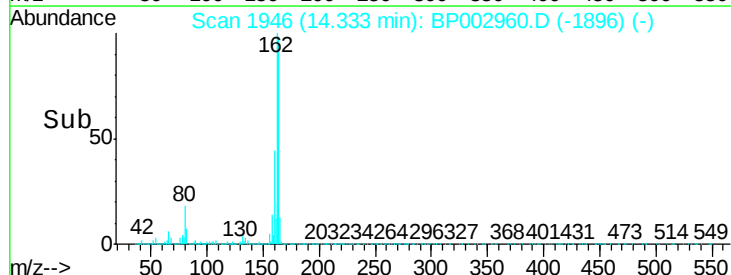
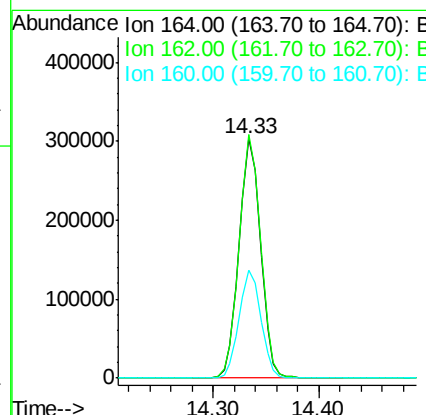
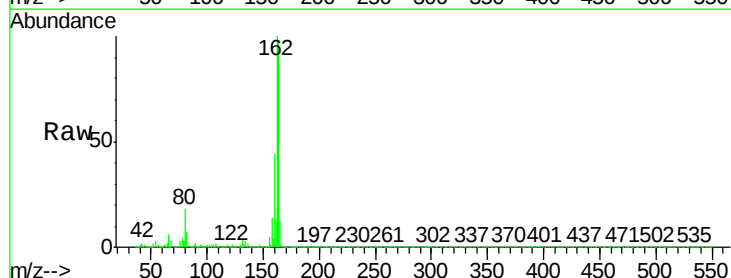
Instrument :
BNA_P
ClientSampleId :
BS-STOCK-4

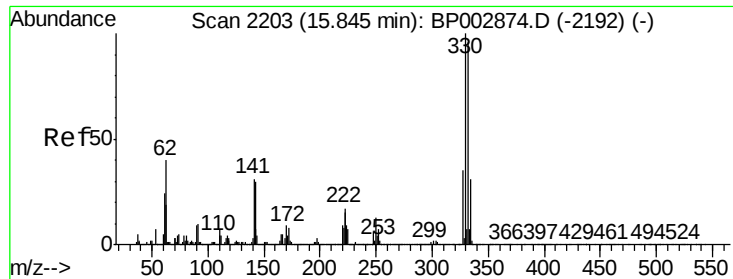
Tot Ion	Ratio	Lower	Upper
122	100		
105	91.8	95.8	135.8#
77	81.6	54.7	94.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.33 min Scan# 1946
Delta R.T. -0.01 min
Lab File: BP002960.D
Acq: 12 Aug 2020 21:19

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.6	81.0	121.4
160	45.1	36.2	54.4

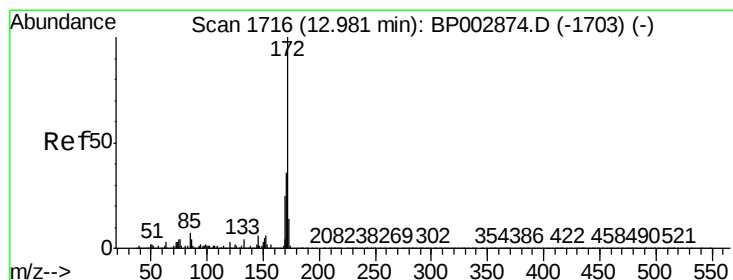
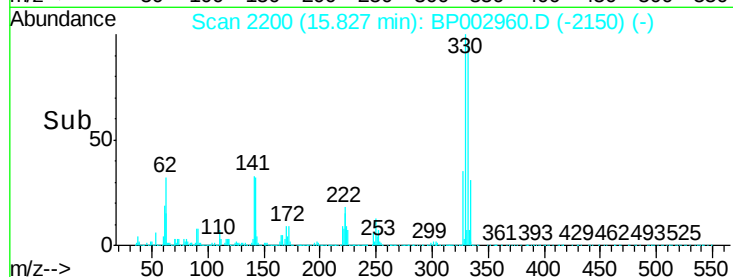
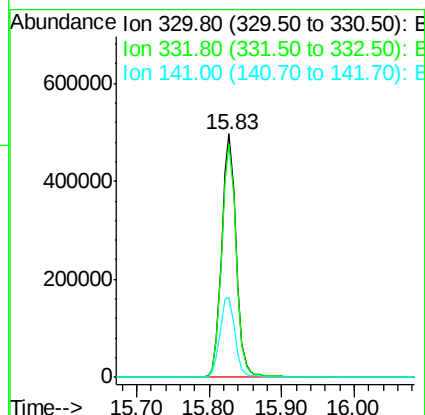
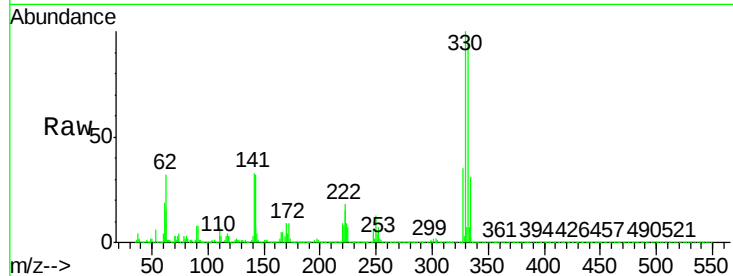




#42
2,4,6-Tribromophenol
Concen: 130.294 ng
RT: 15.83 min Scan# 2200
Delta R.T. -0.01 min
Lab File: BP002960.D
Acq: 12 Aug 2020 21:19

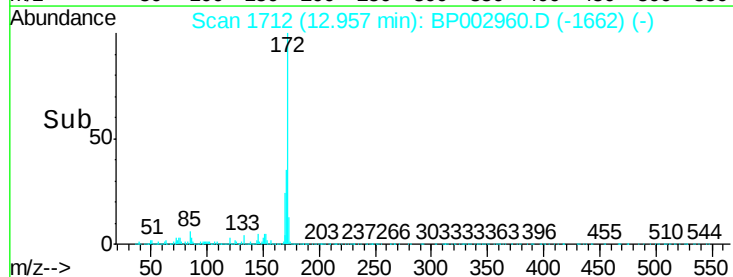
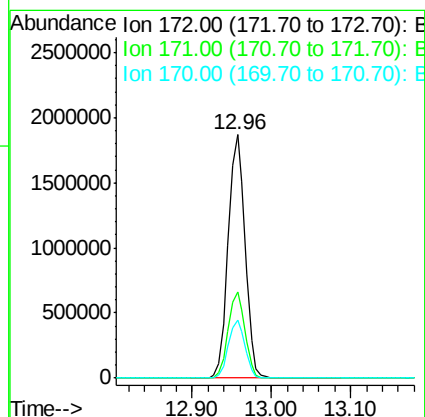
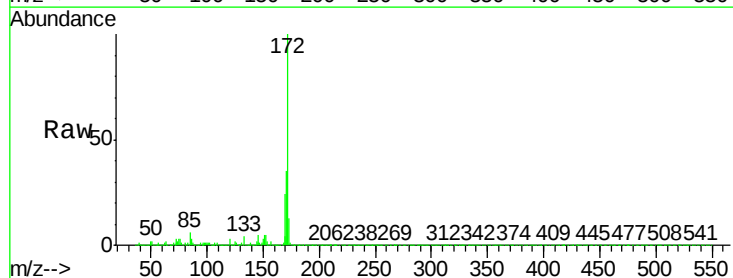
Instrument :
BNA_P
ClientSampleId :
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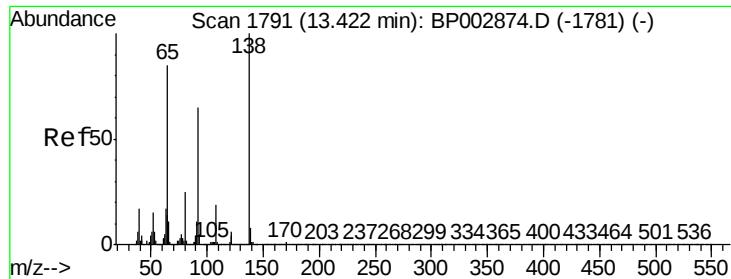
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.0	115.4
141	34.4	28.6	43.0



#45
2-Fluorobiphenyl
Concen: 88.344 ng
RT: 12.96 min Scan# 1712
Delta R.T. -0.01 min
Lab File: BP002960.D
Acq: 12 Aug 2020 21:19

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.6	44.4
170	23.6	19.6	29.4

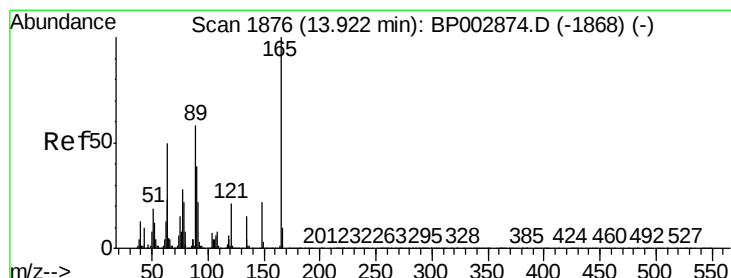
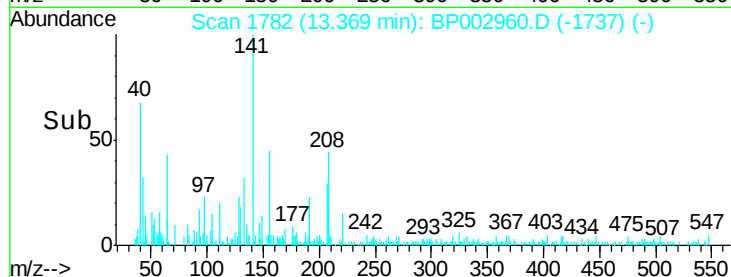
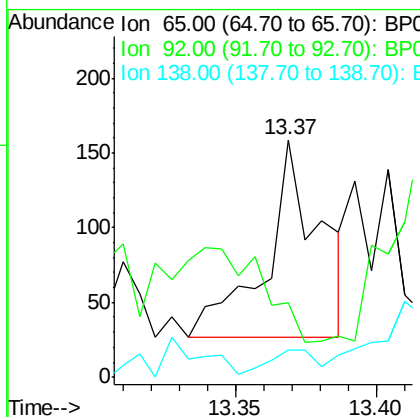
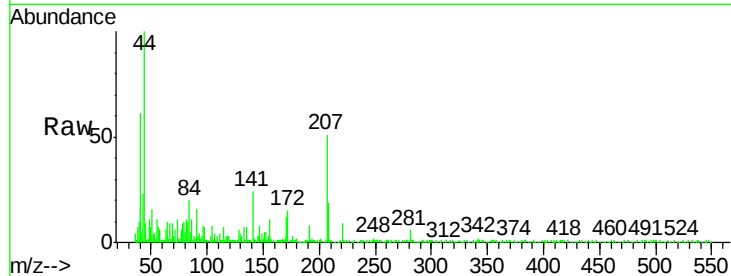




#48
2-Nitroaniline
Concen: 3.995 ng
RT: 13.37 min Scan# 1782
Delta R.T. -0.04 min
Lab File: BP002960.D
Acq: 12 Aug 2020 21:19

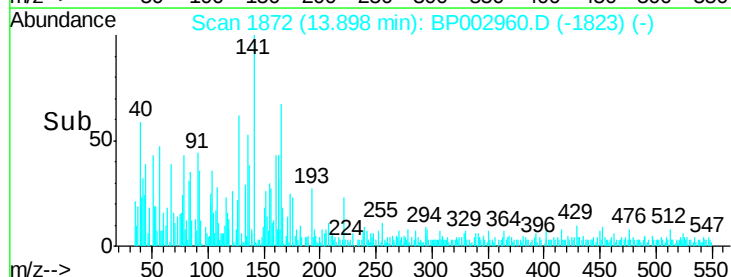
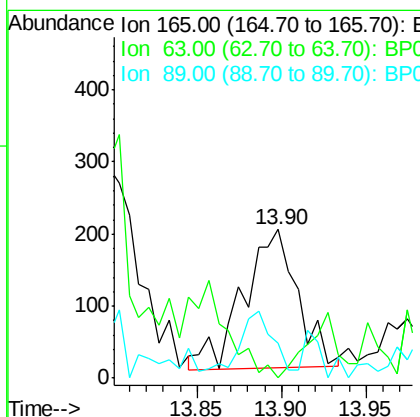
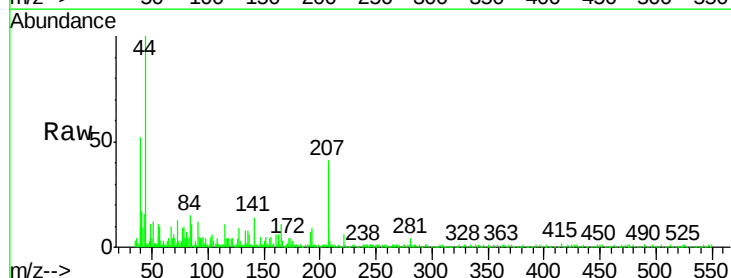
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BS-STOCK-4

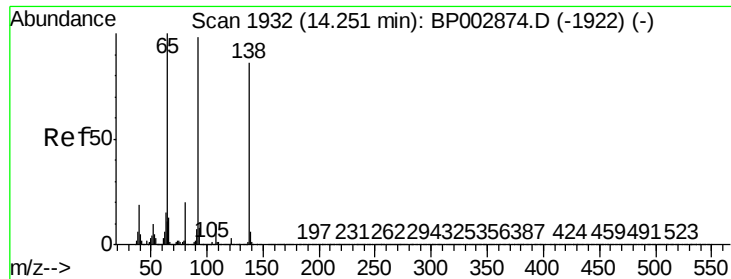
Tot Ion: 65 Resp: 174
Ion Ratio Lower Upper
65 100
92 31.4 69.6 104.4#
138 11.3 125.6 188.4#



#51
2,6-Dinitrotoluene
Concen: 2.952 ng
RT: 13.90 min Scan# 1872
Delta R.T. -0.01 min
Lab File: BP002960.D
Acq: 12 Aug 2020 21:19

Tgt Ion: 165 Resp: 425
Ion Ratio Lower Upper
165 100
63 0.0 27.5 41.3#
89 23.8 35.3 52.9#

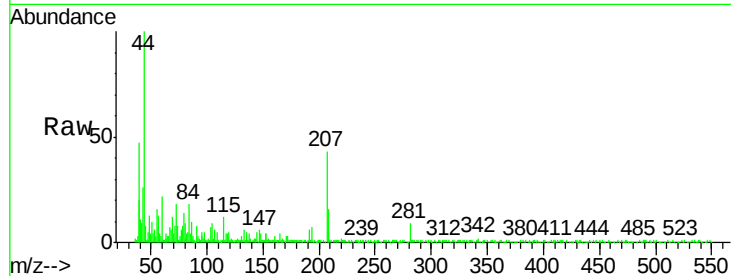




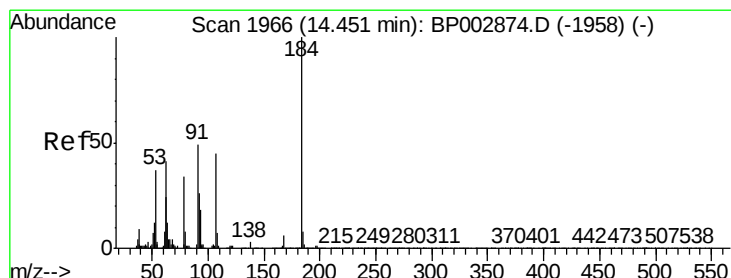
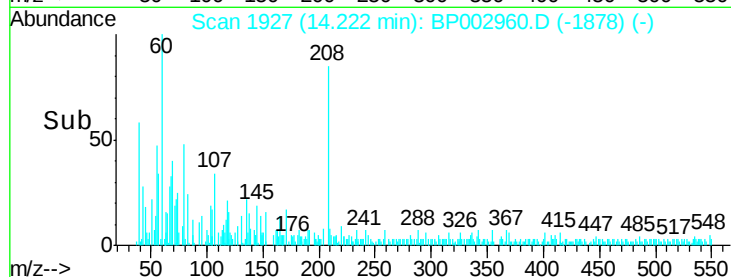
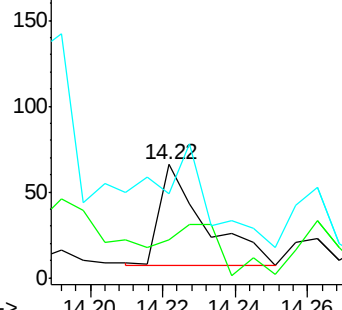
#53
3-Nitroaniline
Concen: 3.280 ng
RT: 14.22 min Scan# 1927
Delta R.T. -0.01 min
Lab File: BP002960.D
Acq: 12 Aug 2020 21:19

Instrument :
BNA_P
ClientSampleId :
BS-STOCK-4

Tot Ion:138 Resp: 52
Ion Ratio Lower Upper
138 100
108 33.3 7.2 10.8#
92 74.2 75.8 113.6#

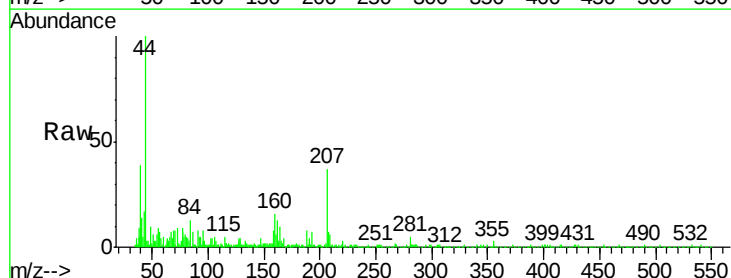


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BP0

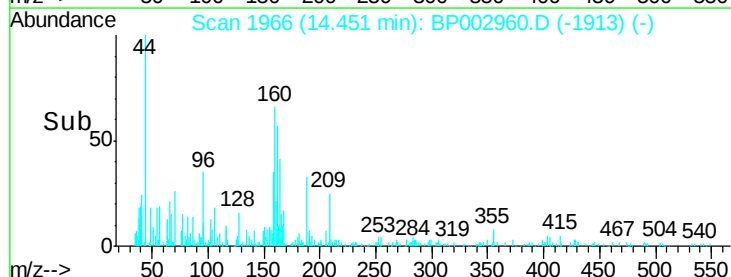
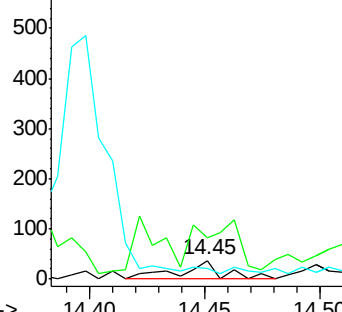


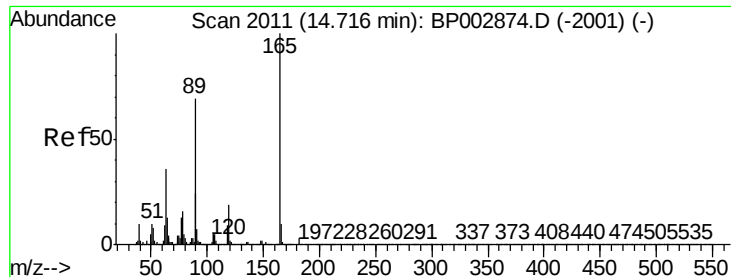
#54
2,4-Dinitrophenol
Concen: 8.070 ng
RT: 14.45 min Scan# 1966
Delta R.T. 0.01 min
Lab File: BP002960.D
Acq: 12 Aug 2020 21:19

Tgt Ion:184 Resp: 46
Ion Ratio Lower Upper
184 100
63 221.6 36.4 54.6#
154 59.5 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

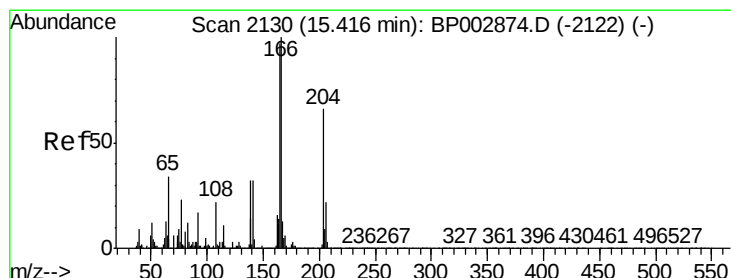
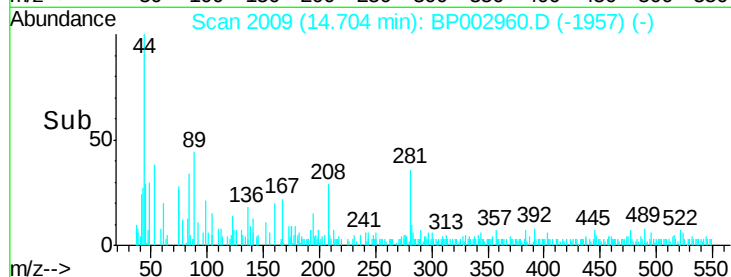
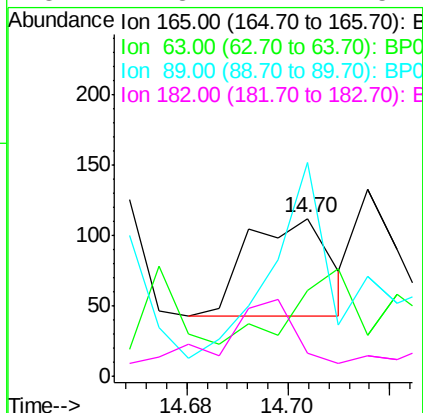
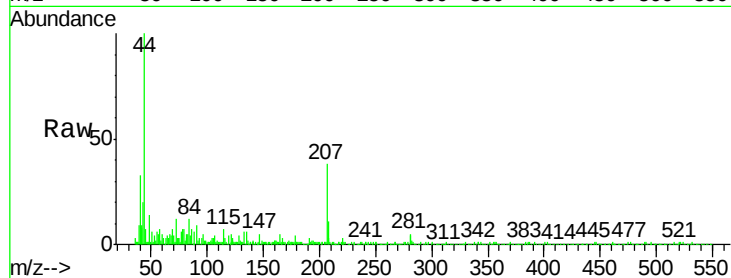




#57
2,4-Dinitrotoluene
Concen: 3.813 ng
RT: 14.70 min Scan# 2009
Delta R.T. 0.01 min
Lab File: BP002960.D
Acq: 12 Aug 2020 21:19

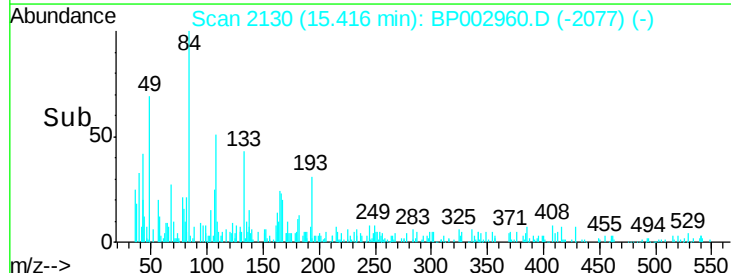
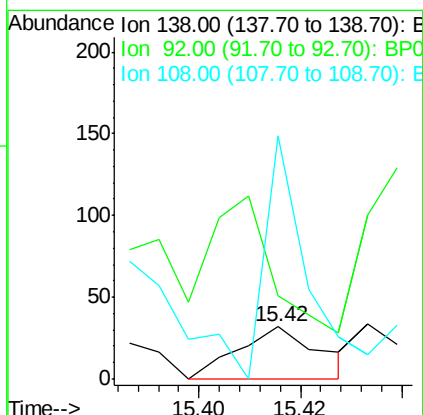
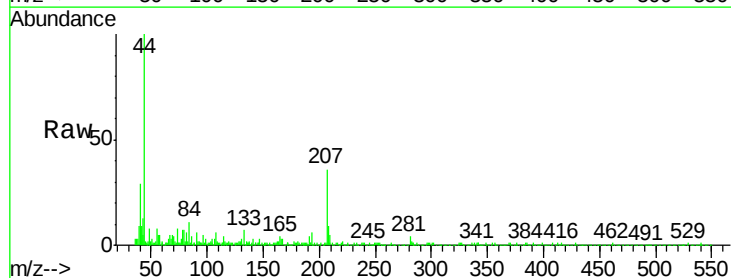
Instrument :
BNA_P
ClientSampleId :
BS-STOCK-4

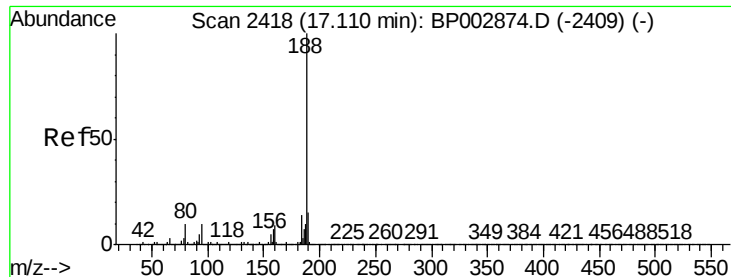
Tot Ion:165 Resp: 80
Ion Ratio Lower Upper
165 100
63 54.5 22.6 34.0#
89 135.7 46.2 69.2#
182 14.3 2.2 3.4#



#62
4-Nitroaniline
Concen: 2.420 ng
RT: 15.42 min Scan# 2130
Delta R.T. 0.01 min
Lab File: BP002960.D
Acq: 12 Aug 2020 21:19

Tgt Ion:138 Resp: 35
Ion Ratio Lower Upper
138 100
92 159.4 21.2 61.2#
108 590.6 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: BP002960.D

Acq: 12 Aug 2020 21:19

Instrument :

BNA_P

ClientSampleId :

BS-STOCK-4

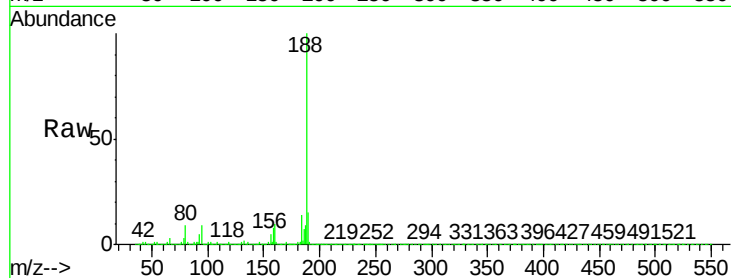
Tot Ion:188 Resp: 936201

Ion Ratio Lower Upper

188 100

94 9.0 7.0 10.6

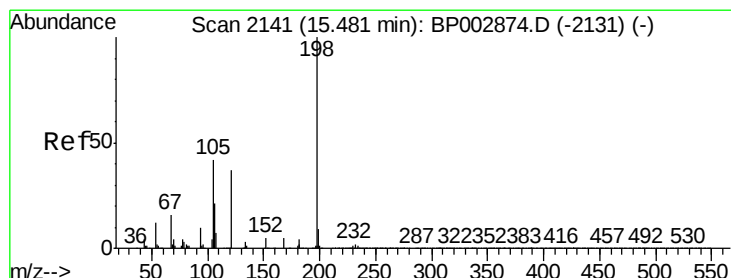
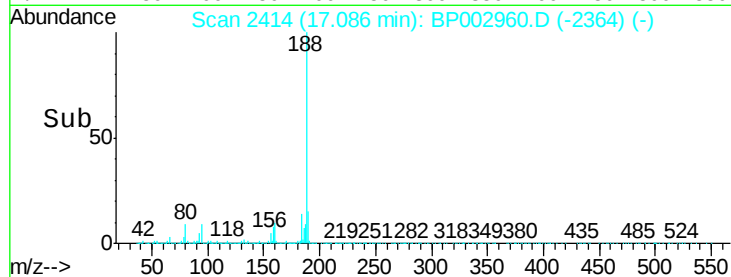
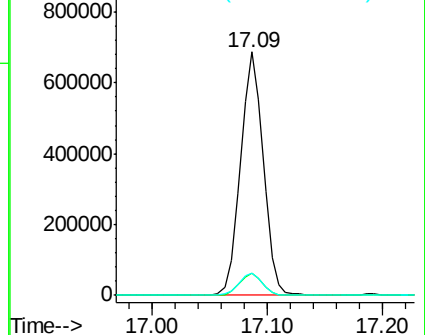
80 9.0 7.0 10.6



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: 6.905 ng

RT: 15.47 min Scan# 2139

Delta R.T. -0.00 min

Lab File: BP002960.D

Acq: 12 Aug 2020 21:19

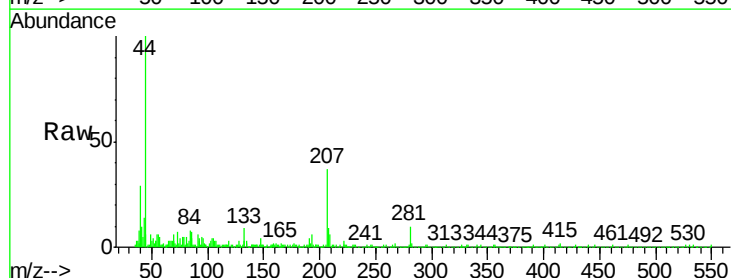
Tgt Ion:198 Resp: 29

Ion Ratio Lower Upper

198 100

51 504.3 6.5 46.5#

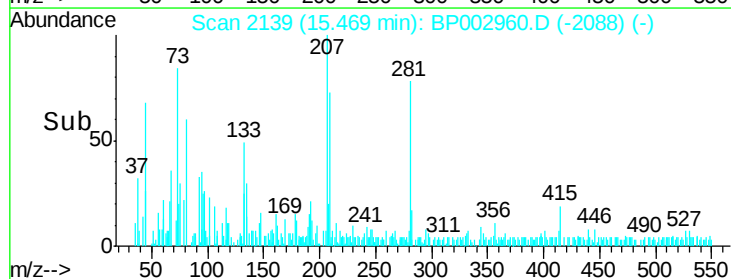
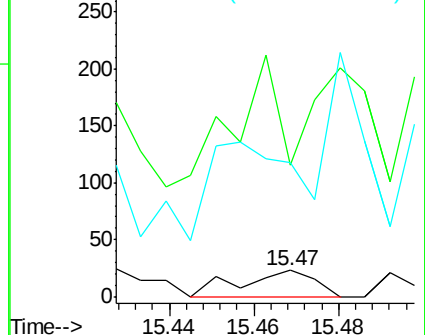
105 513.0 20.4 60.4#

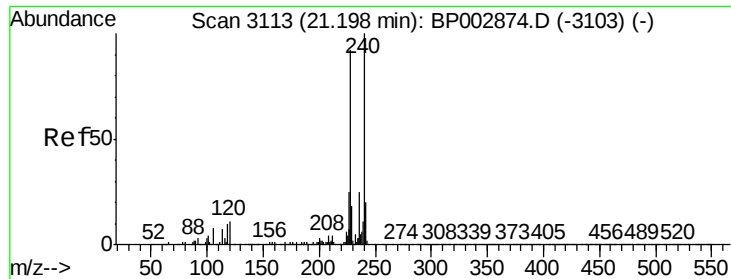


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BP0

Ion 105.00 (104.70 to 105.70): E

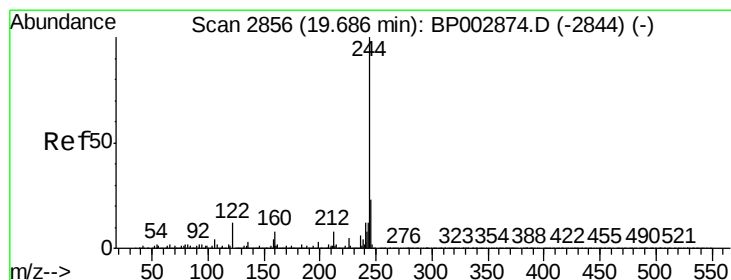
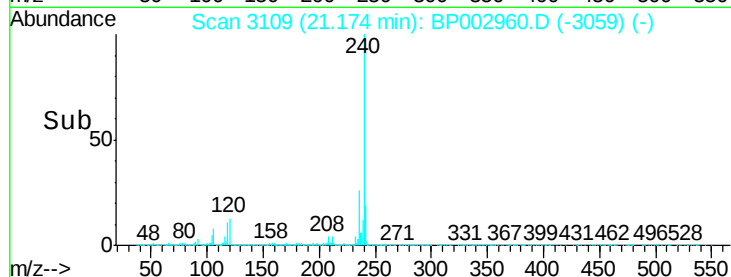
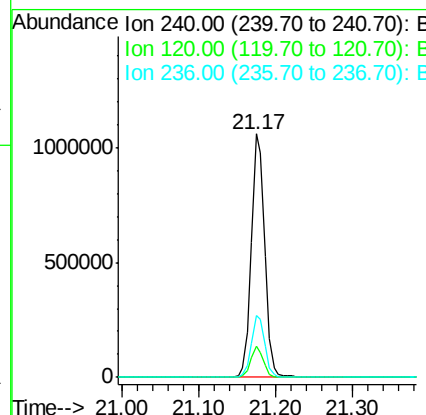
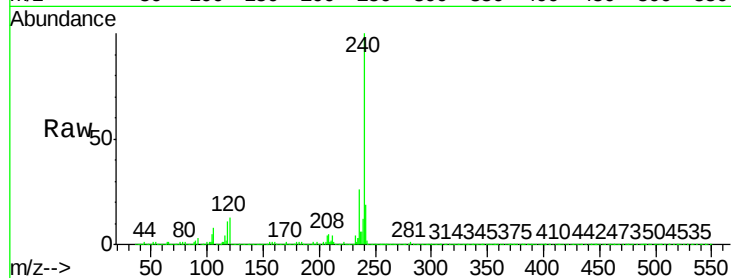




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.17 min Scan# 3109
Delta R.T. -0.01 min
Lab File: BP002960.D
Acq: 12 Aug 2020 21:19

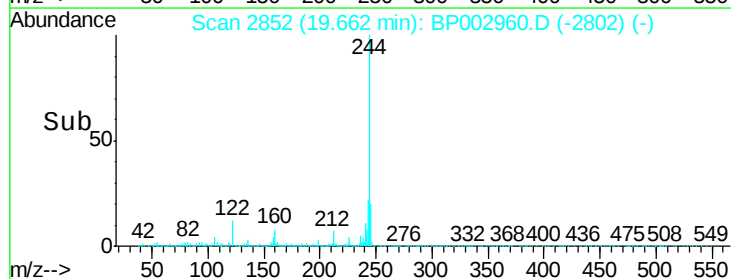
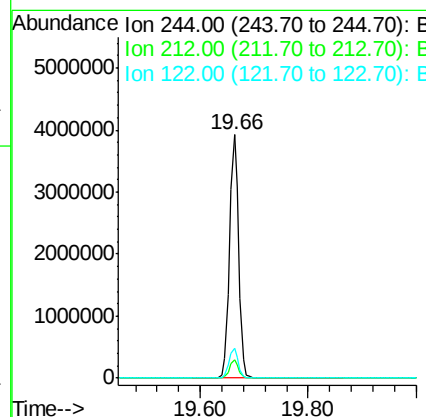
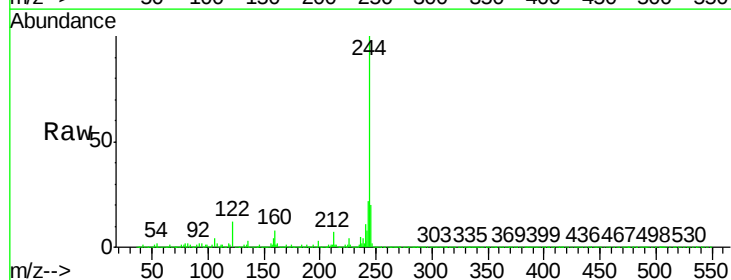
Instrument :
BNA_P
ClientSampleId :
BS-STOCK-4

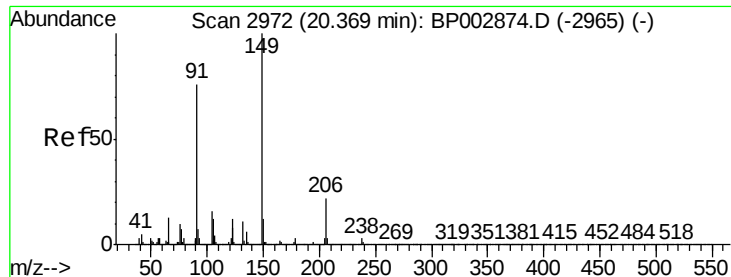
Tot Ion:240 Resp: 1298649
Ion Ratio Lower Upper
240 100
120 12.5 10.6 16.0
236 25.7 20.7 31.1



#79
Terphenyl-d14
Concen: 73.464 ng
RT: 19.66 min Scan# 2852
Delta R.T. -0.01 min
Lab File: BP002960.D
Acq: 12 Aug 2020 21:19

Tgt Ion:244 Resp: 4765548
Ion Ratio Lower Upper
244 100
212 7.5 6.3 9.5
122 12.5 9.9 14.9

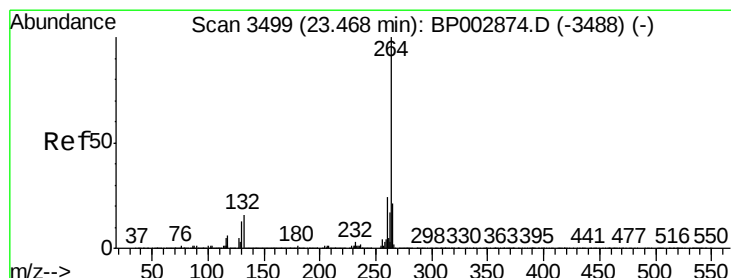
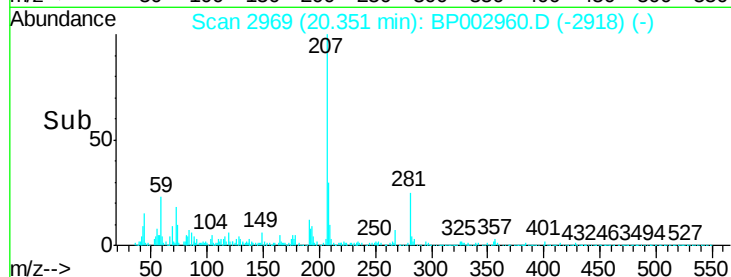
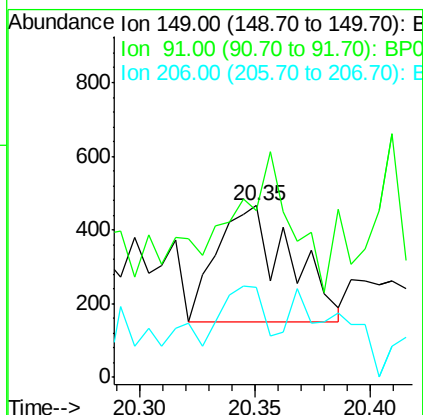
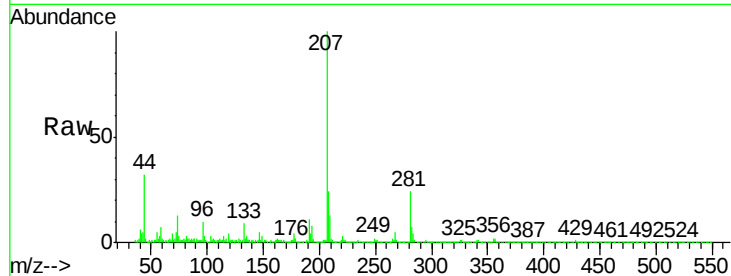




#80
Butylbenzylphthalate
Concen: 3.076 ng
RT: 20.35 min Scan# 2969
Delta R.T. -0.00 min
Lab File: BP002960.D
Acq: 12 Aug 2020 21:19

Instrument :
BNA_P
ClientSampleId :
BS-STOCK-4

Tot Ion:149 Resp: 702
Ion Ratio Lower Upper
149 100
91 97.0 46.5 69.7#
206 52.6 17.2 25.8#



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.43 min Scan# 3492
Delta R.T. -0.01 min
Lab File: BP002960.D
Acq: 12 Aug 2020 21:19

Tgt Ion:264 Resp: 1746127
Ion Ratio Lower Upper
264 100
260 24.2 18.7 28.1
265 21.3 17.6 26.4

