

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP081320\
 Data File : BP002968.D
 Acq On : 13 Aug 2020 16:21
 Operator : CG/JU
 Sample : L3648-03RE
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BS-STOCK-2

Quant Time: Aug 13 16:59:16 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	365032	20.00	ng	-0.01
21) Naphthalene-d8	10.47	136	1549351	20.00	ng	-0.01
39) Acenaphthene-d10	14.33	164	970288	20.00	ng	-0.01
64) Phenanthrene-d10	17.08	188	2094607	20.00	ng	-0.01
76) Chrysene-d12	21.17	240	2069523	20.00	ng	0.00
86) Perylene-d12	23.42	264	2174970	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.30	112	1469664	61.62	ng	0.00
7) Phenol-d6	6.86	99	1217932	36.78	ng	-0.02
23) Nitrobenzene-d5	8.83	82	1727850	60.40	ng	-0.01
42) 2,4,6-Tribromophenol	15.82	330	1292223	107.15	ng	-0.01
45) 2-Fluorobiphenyl	12.95	172	4906487	69.09	ng	-0.01
79) Terphenyl-d14	19.66	244	6703938	64.85	ng	0.00

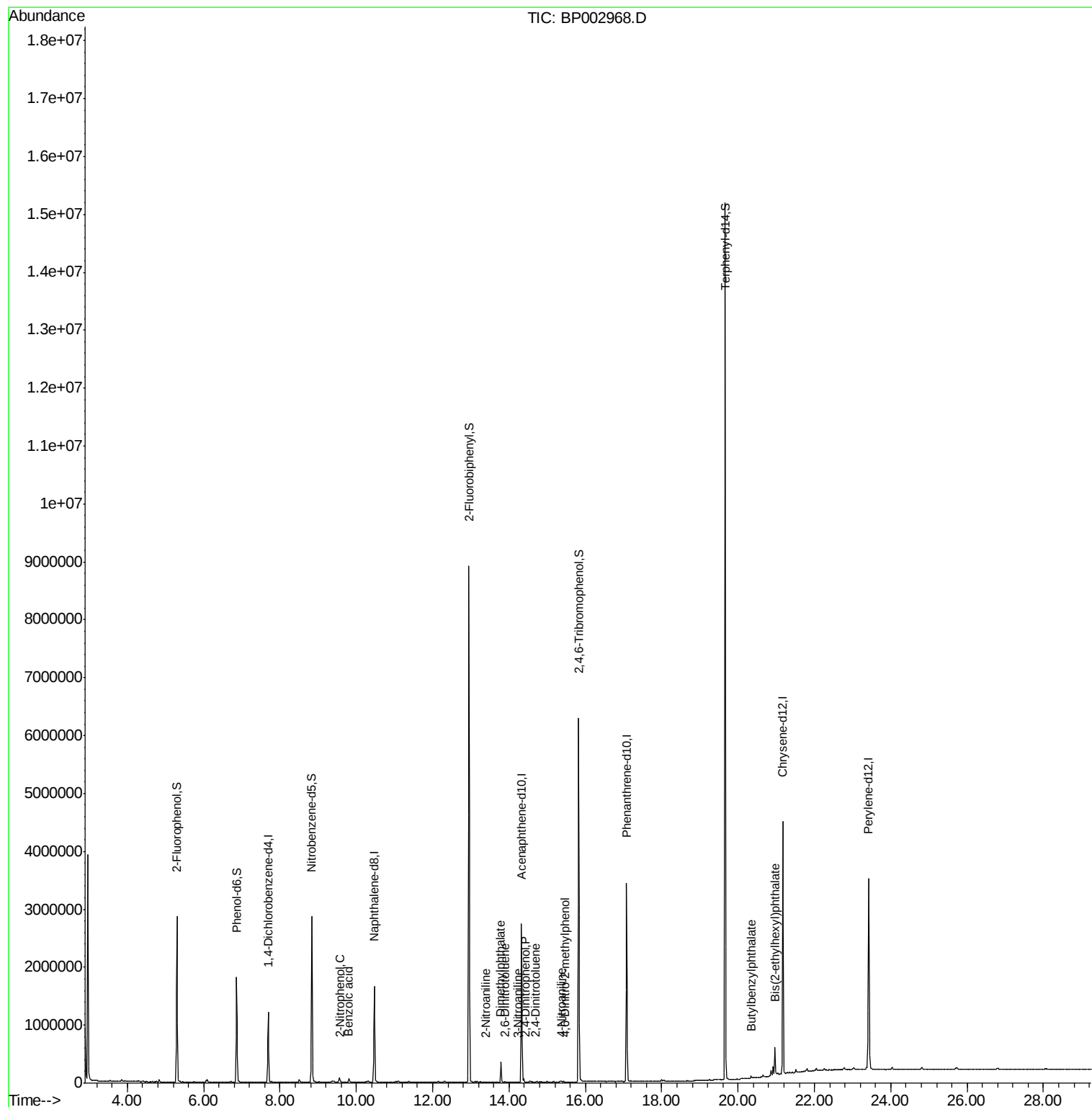
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
26) 2-Nitrophenol	9.59	139	40	4.523	ng	# 1
32) Benzoic acid	9.79	122	499	7.715	ng	# 92
48) 2-Nitroaniline	13.40	65	79	3.976	ng	# 35
50) Dimethylphthalate	13.79	163	250409	3.300	ng	# 99
51) 2,6-Dinitrotoluene	13.89	165	807	2.944	ng	# 47
53) 3-Nitroaniline	14.22	138	41	3.276	ng	# 42
54) 2,4-Dinitrophenol	14.42	184	38	8.062	ng	# 40
57) 2,4-Dinitrotoluene	14.69	165	243	3.816	ng	# 61
62) 4-Nitroaniline	15.38	138	49	2.419	ng	# 9
65) 4,6-Dinitro-2-methylphenol	15.46	198	6	6.901	ng	# 1
80) Butylbenzylphthalate	20.33	149	781	3.070	ng	# 88
84) Bis(2-ethylhexyl)phthalate	20.96	149	209450	2.616	ng	# 52

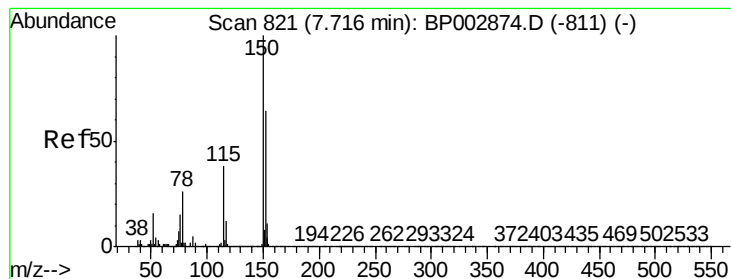
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP081320\
Data File : BP002968.D
Acq On : 13 Aug 2020 16:21
Operator : CG/JU
Sample : L3648-03RE
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BS-STOCK-2

Quant Time: Aug 13 16:59:16 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



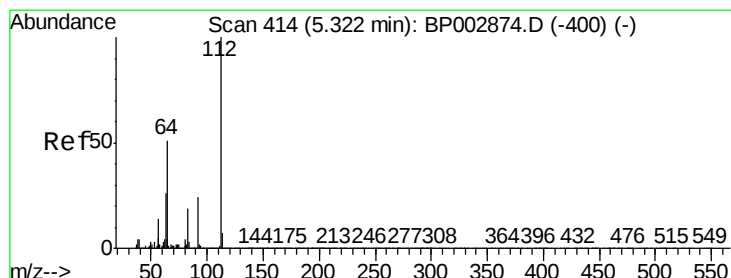
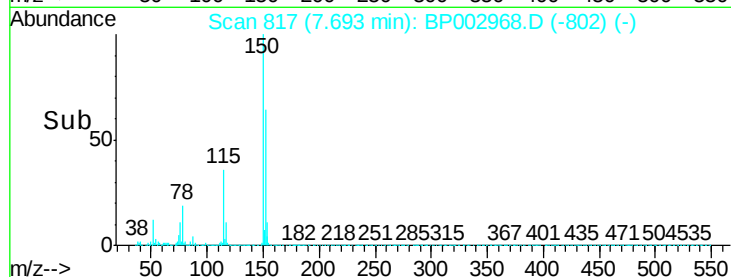
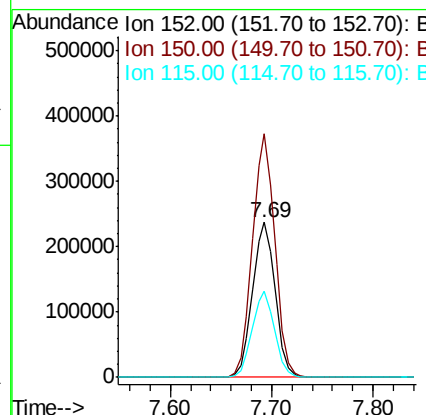
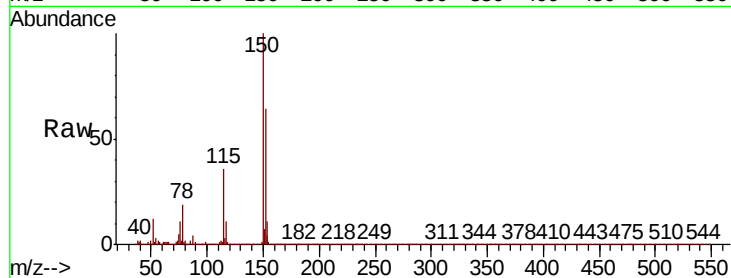


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.69 min Scan# 817
Delta R.T. -0.01 min
Lab File: BP002968.D
Acq: 13 Aug 2020 16:21

Instrument :
BNA_P
ClientSampleId :
BS-STOCK-2

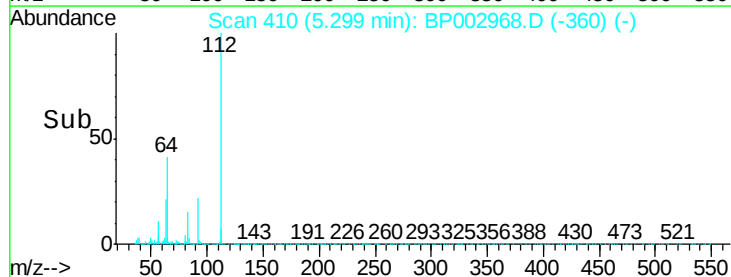
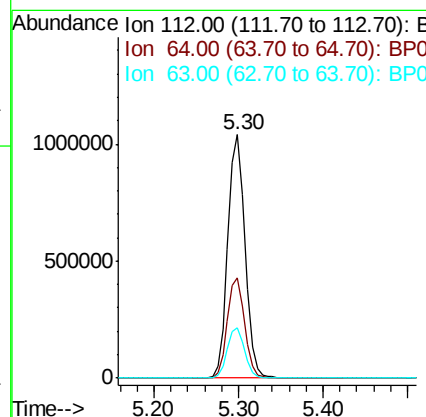
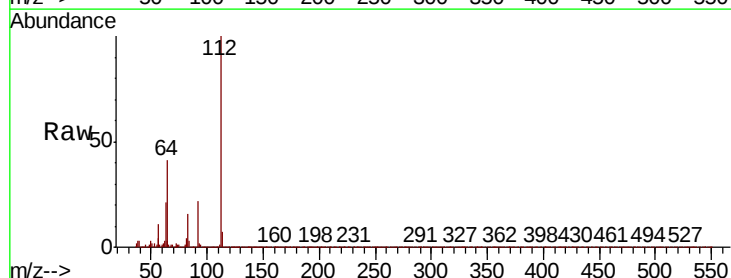
Tot Ion	Ratio	Lower	Upper
152	100		
150	157.2	124.2	186.4
115	56.0	42.1	63.1

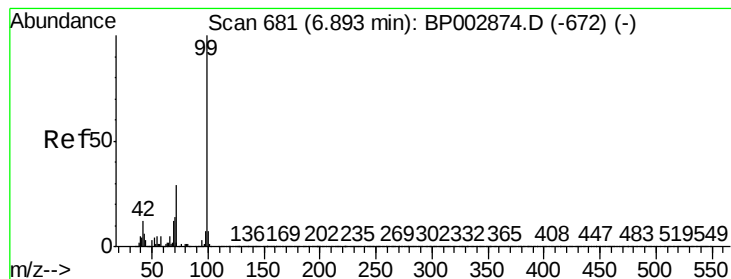


#5

2-Fluorophenol
Concen: 61.620 ng
RT: 5.30 min Scan# 410
Delta R.T. -0.01 min
Lab File: BP002968.D
Acq: 13 Aug 2020 16:21

Tgt Ion	Ratio	Lower	Upper
112	100		
64	41.0	33.8	50.8
63	20.8	17.2	25.8





#7

Phenol-d6

Concen: 36.781 ng

RT: 6.86 min Scan# 676

Delta R.T. -0.02 min

Lab File: BP002968.D

Acq: 13 Aug 2020 16:21

Instrument :

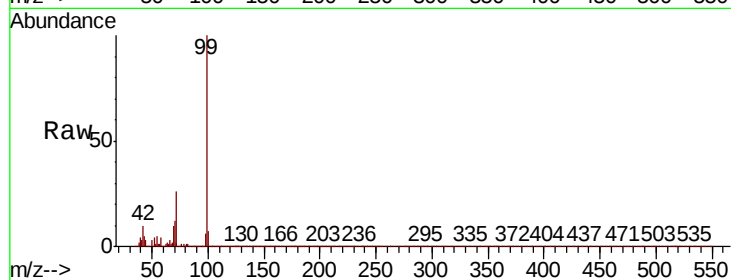
BNA_P

ClientSampleId :

BS-STOCK-2

Tot Ion: 99 Resp: 1217932

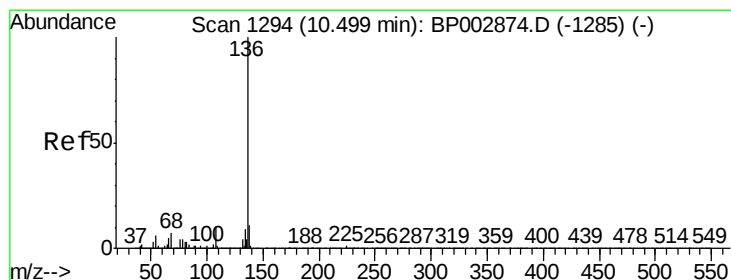
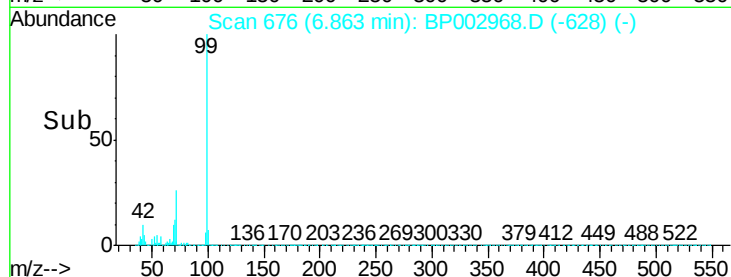
Ion	Ratio	Lower	Upper
99	100		
42	10.5	8.1	12.1
71	26.4	21.0	31.4



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

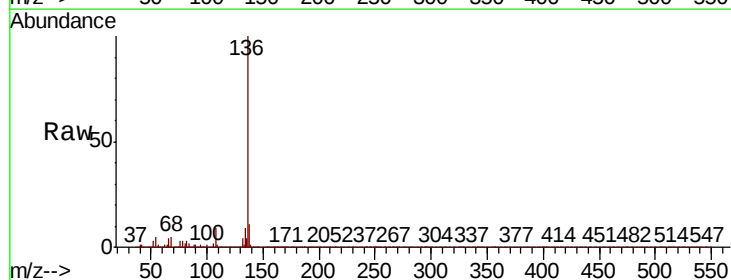
Delta R.T. -0.01 min

Lab File: BP002968.D

Acq: 13 Aug 2020 16:21

Tgt Ion: 136 Resp: 1549351

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.4
54	4.9	3.9	5.9
68	4.9	3.8	5.8

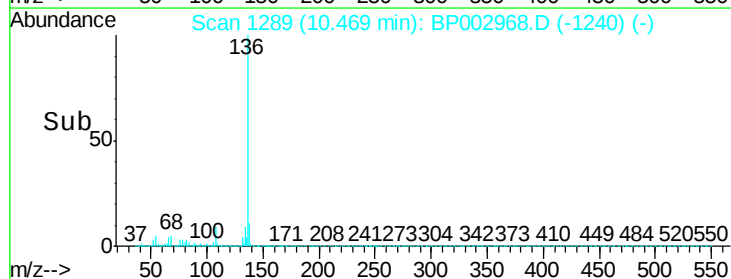


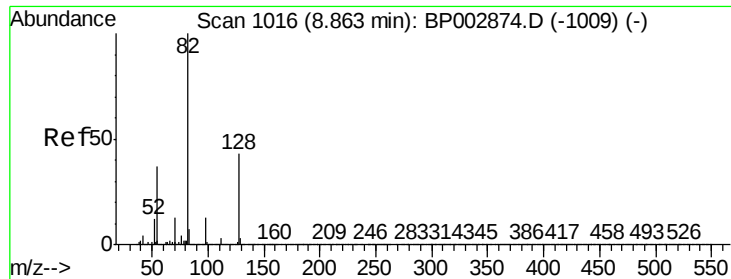
Abundance Ion 136.00 (135.70 to 136.70): E

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

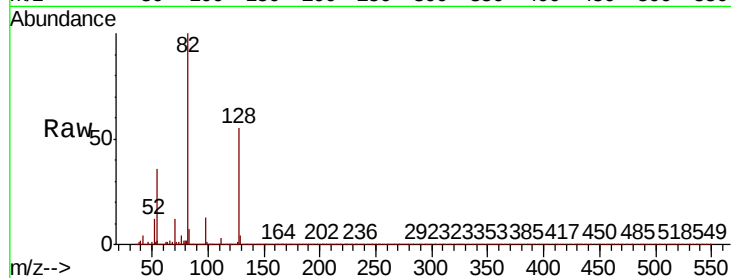




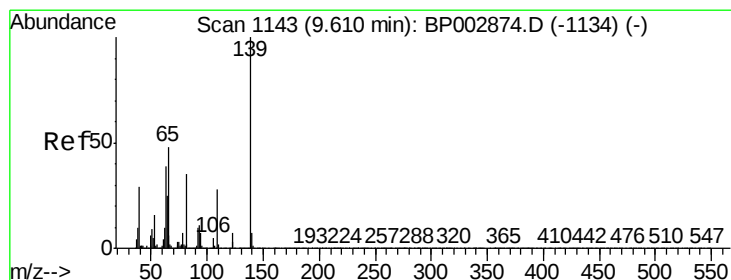
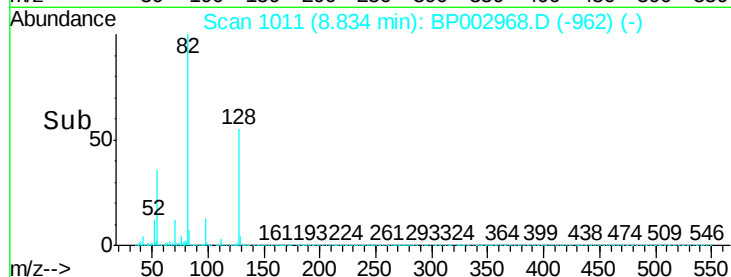
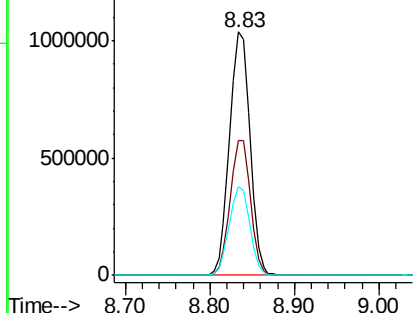
#23
Nitrobenzene-d5
Concen: 60.402 ng
RT: 8.83 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BP002968.D
Acq: 13 Aug 2020 16:21

Instrument :
BNA_P
ClientSampleId :
BS-STOCK-2

Tot Ion: 82 Resp: 1727850
Ion Ratio Lower Upper
82 100
128 55.3 44.6 66.8
54 36.2 29.2 43.8

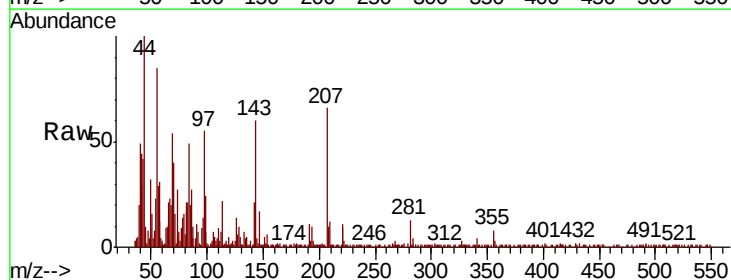


Abundance Ion 82.00 (81.70 to 82.70): BP0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BP0

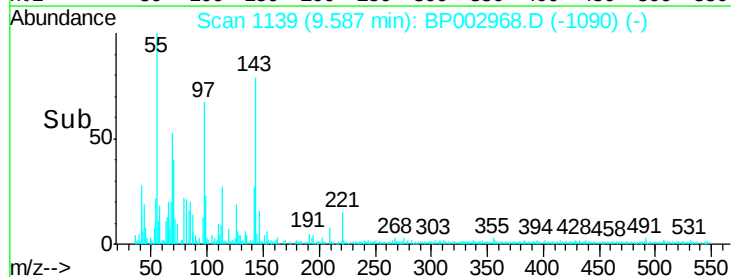
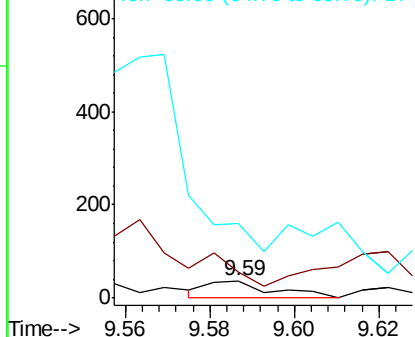


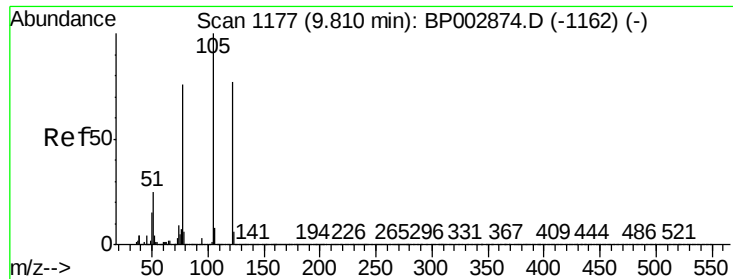
#26
2-Nitrophenol
Concen: 4.523 ng
RT: 9.59 min Scan# 1139
Delta R.T. -0.01 min
Lab File: BP002968.D
Acq: 13 Aug 2020 16:21

Tgt Ion:139 Resp: 40
Ion Ratio Lower Upper
139 100
109 148.6 19.5 29.3#
65 429.7 26.6 40.0#



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BP0

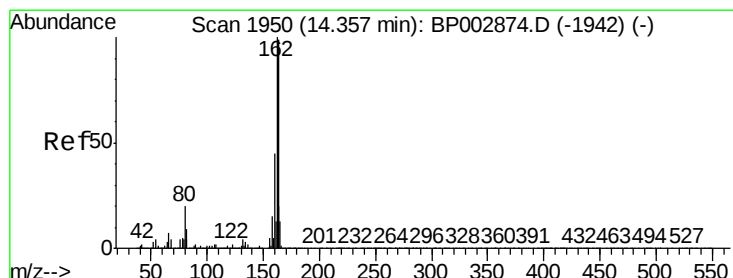
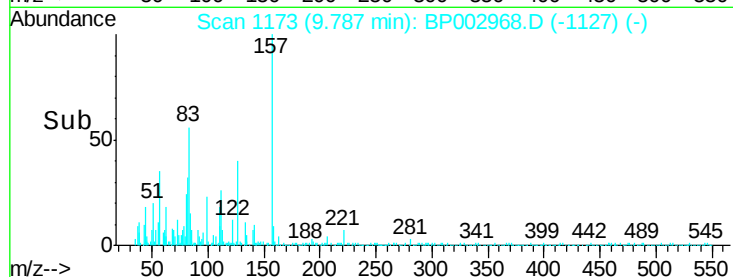
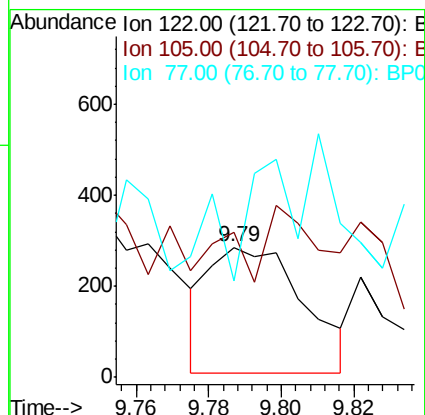
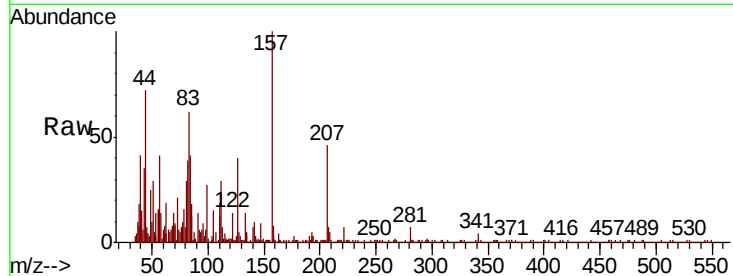




#32
Benzoic acid
Concen: 7.715 ng
RT: 9.79 min Scan# 1173
Delta R.T. -0.03 min
Lab File: BP002968.D
Acq: 13 Aug 2020 16:21

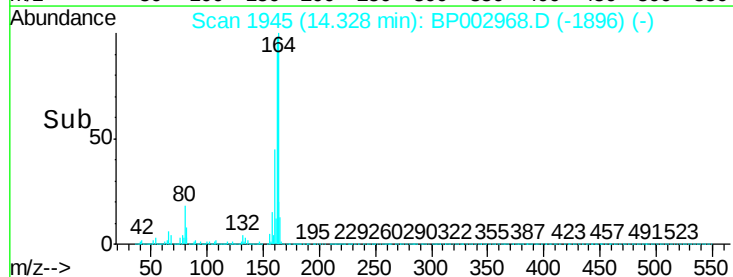
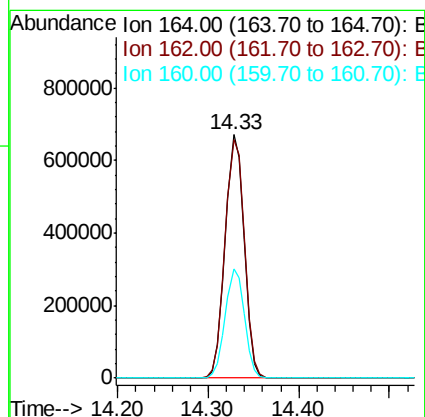
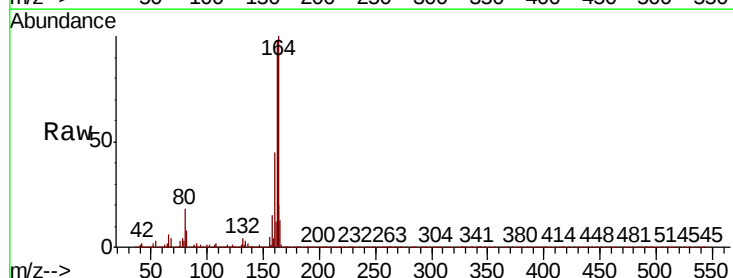
Instrument :
BNA_P
ClientSampleId :
BS-STOCK-2

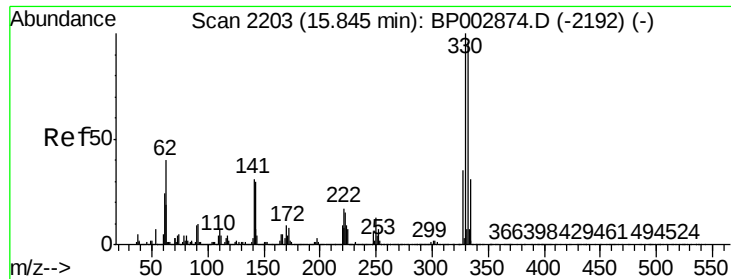
Tot Ion:122 Resp: 499
Ion Ratio Lower Upper
122 100
105 105.3 95.8 135.8
77 69.6 54.7 94.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.33 min Scan# 1945
Delta R.T. -0.01 min
Lab File: BP002968.D
Acq: 13 Aug 2020 16:21

Tgt Ion:164 Resp: 970288
Ion Ratio Lower Upper
164 100
162 97.9 81.0 121.4
160 44.7 36.2 54.4

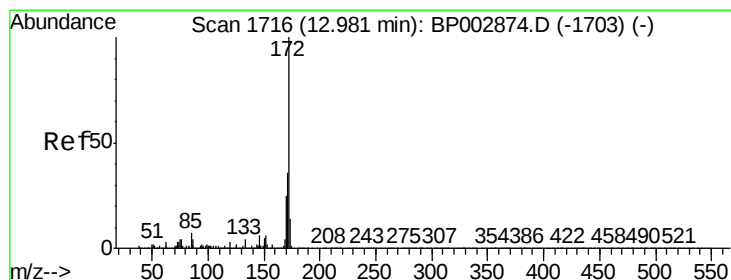
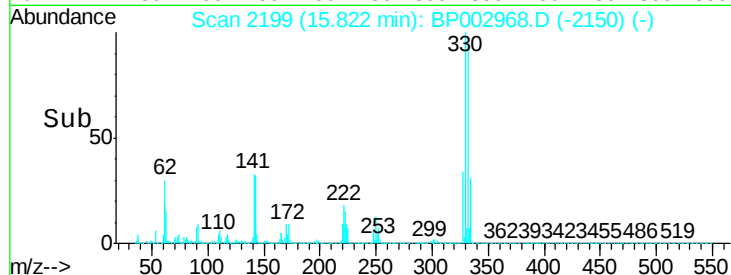
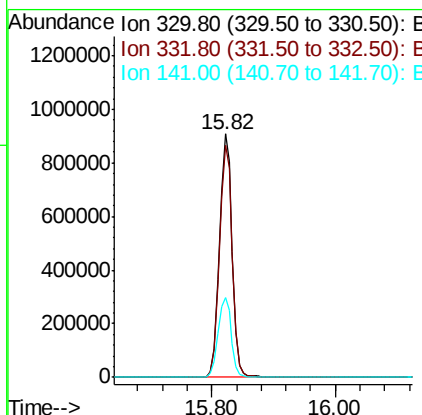
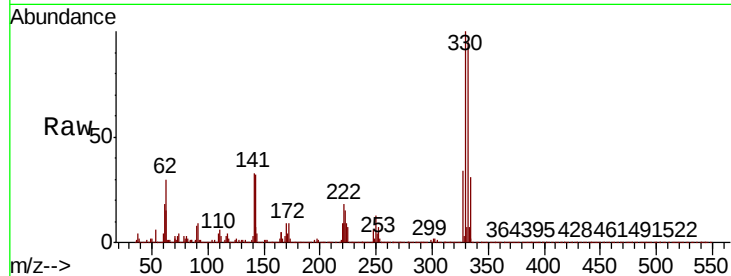




#42
 2,4,6-Tribromophenol
 Concen: 107.153 ng
 RT: 15.82 min Scan# 2199
 Delta R.T. -0.01 min
 Lab File: BP002968.D
 Acq: 13 Aug 2020 16:21

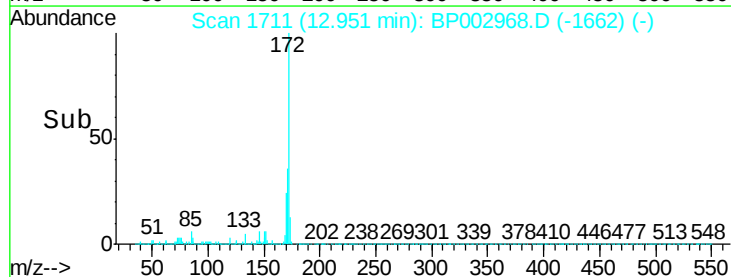
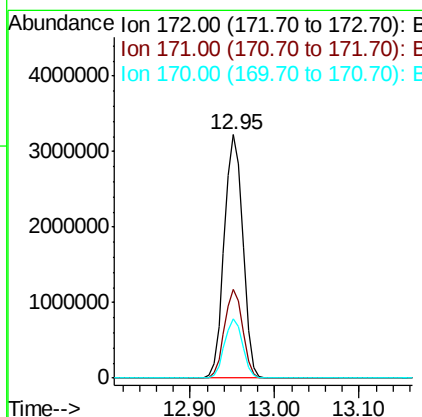
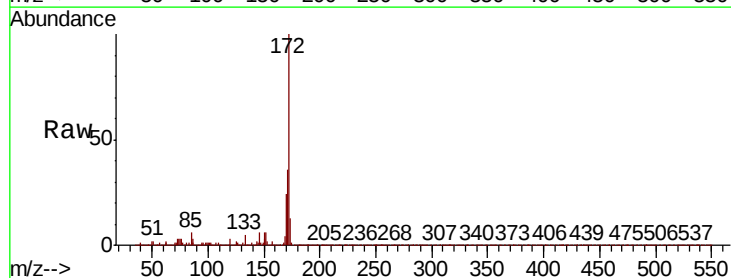
Instrument :
 BNA_P
 ClientSampleId :
 BS-STOCK-2

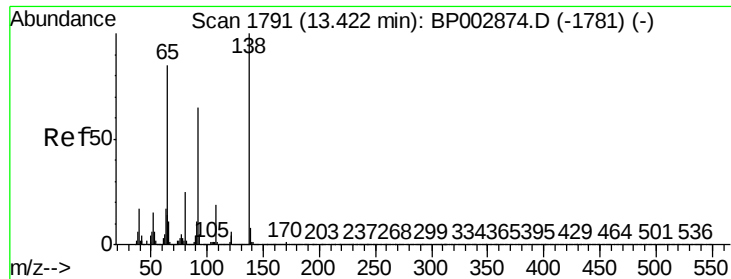
Tot Ion:330 Resp: 1292223
 Ion Ratio Lower Upper
 330 100
 332 96.5 77.0 115.4
 141 33.7 28.6 43.0



#45
 2-Fluorobiphenyl
 Concen: 69.090 ng
 RT: 12.95 min Scan# 1711
 Delta R.T. -0.01 min
 Lab File: BP002968.D
 Acq: 13 Aug 2020 16:21

Tgt Ion:172 Resp: 4906487
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.6 44.4
 170 24.2 19.6 29.4

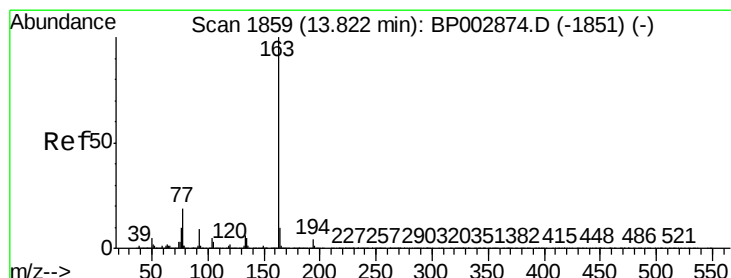
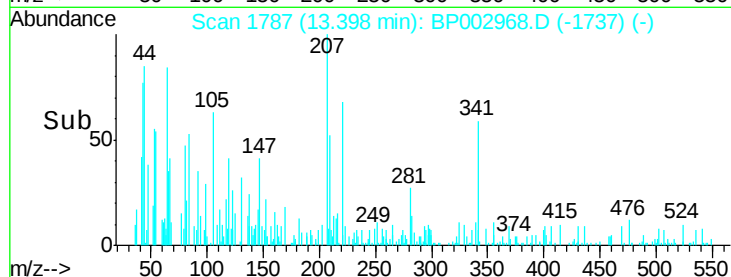
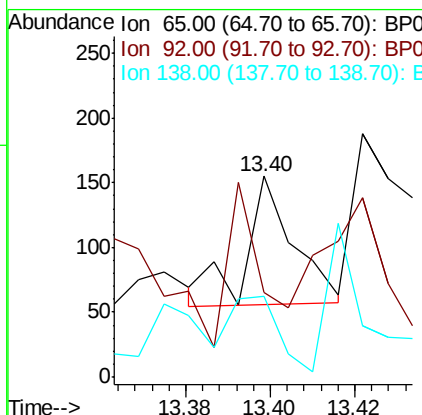
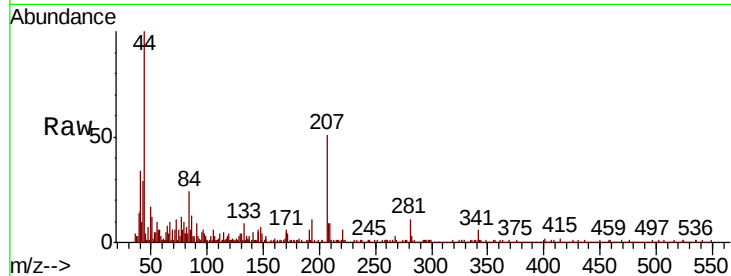




#48
2-Nitroaniline
Concen: 3.976 ng
RT: 13.40 min Scan# 1787
Delta R.T. -0.01 min
Lab File: BP002968.D
Acq: 13 Aug 2020 16:21

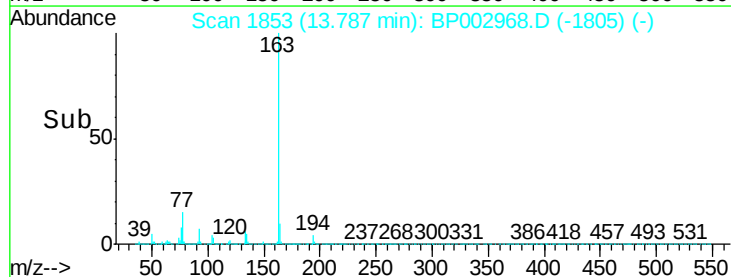
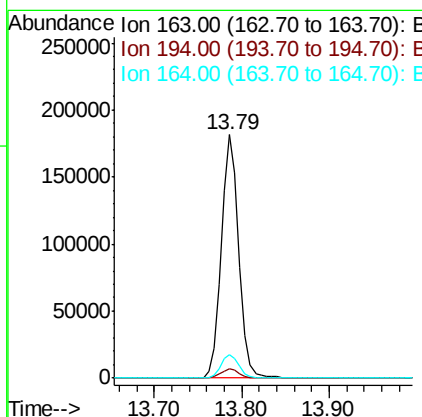
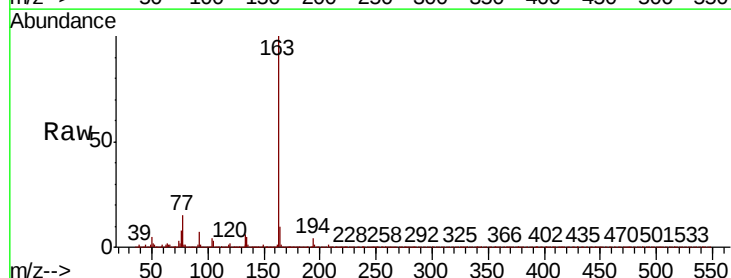
Instrument :
BNA_P
ClientSampleId :
BS-STOCK-2

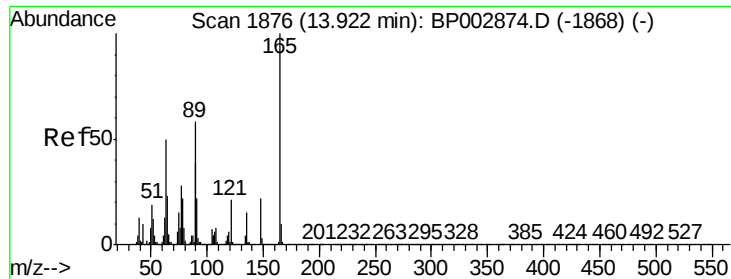
Tot Ion: 65 Resp: 79
Ion Ratio Lower Upper
65 100
92 67.1 69.6 104.4#
138 40.0 125.6 188.4#



#50
Dimethylphthalate
Concen: 3.300 ng
RT: 13.79 min Scan# 1853
Delta R.T. -0.02 min
Lab File: BP002968.D
Acq: 13 Aug 2020 16:21

Tgt Ion: 163 Resp: 250409
Ion Ratio Lower Upper
163 100
194 4.0 3.4 5.0
164 9.9 8.2 12.4

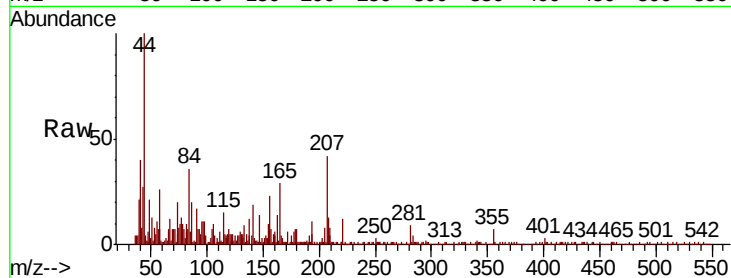




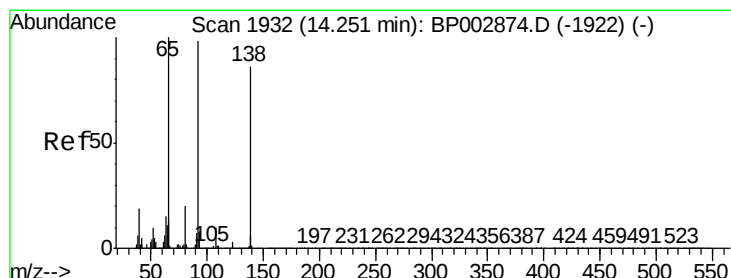
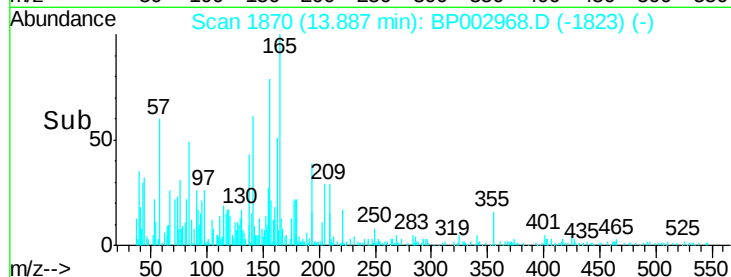
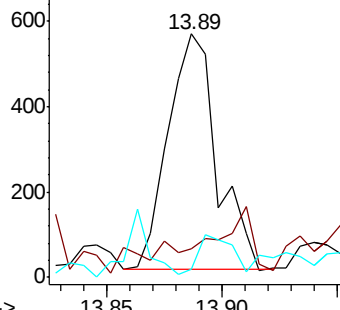
#51
2,6-Dinitrotoluene
Concen: 2.944 ng
RT: 13.89 min Scan# 1870
Delta R.T. -0.02 min
Lab File: BP002968.D
Acq: 13 Aug 2020 16:21

Instrument :
BNA_P
ClientSampleId :
BS-STOCK-2

Tot Ion:165 Resp: 807
Ion Ratio Lower Upper
165 100
63 11.7 27.5 41.3#
89 3.3 35.3 52.9#

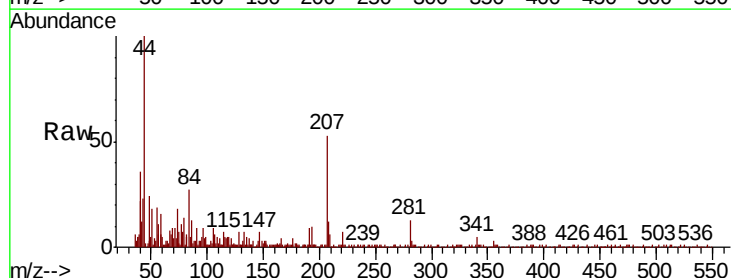


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BP0
Ion 89.00 (88.70 to 89.70): BP0

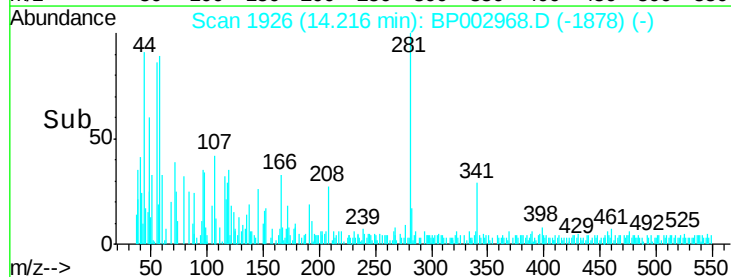
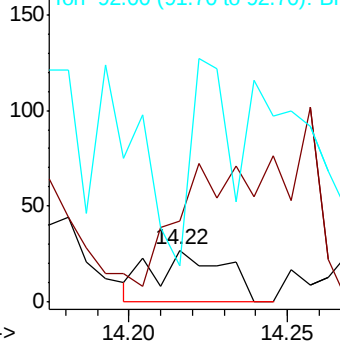


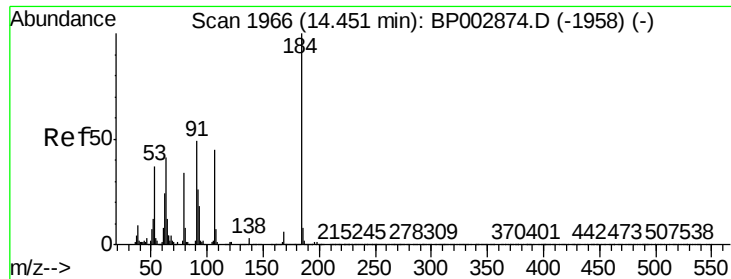
#53
3-Nitroaniline
Concen: 3.276 ng
RT: 14.22 min Scan# 1926
Delta R.T. -0.02 min
Lab File: BP002968.D
Acq: 13 Aug 2020 16:21

Tgt Ion:138 Resp: 41
Ion Ratio Lower Upper
138 100
108 155.6 7.2 10.8#
92 70.4 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

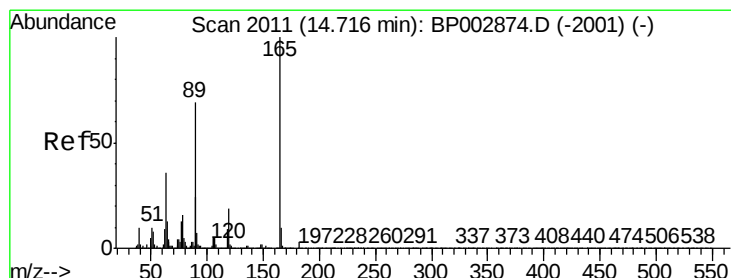
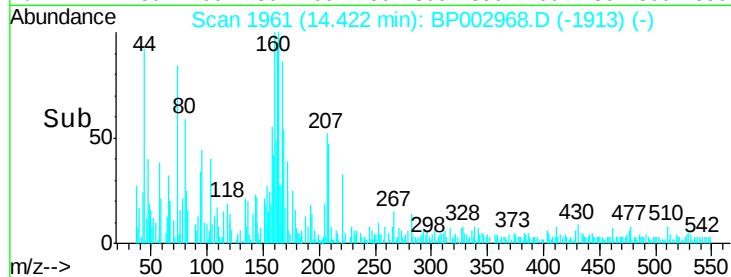
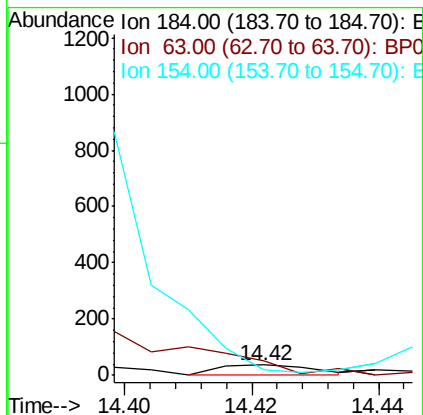
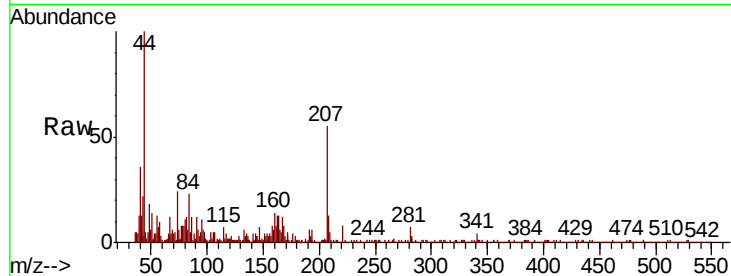




#54
2,4-Dinitrophenol
Concen: 8.062 ng
RT: 14.42 min Scan# 1961
Delta R.T. -0.02 min
Lab File: BP002968.D
Acq: 13 Aug 2020 16:21

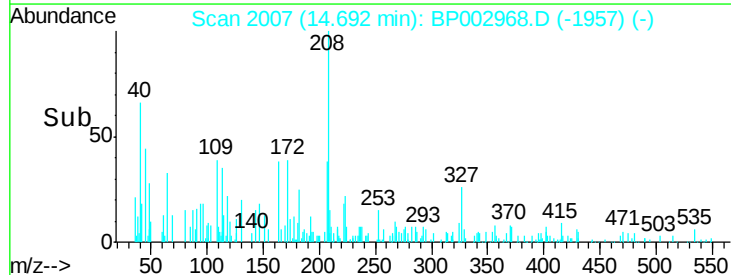
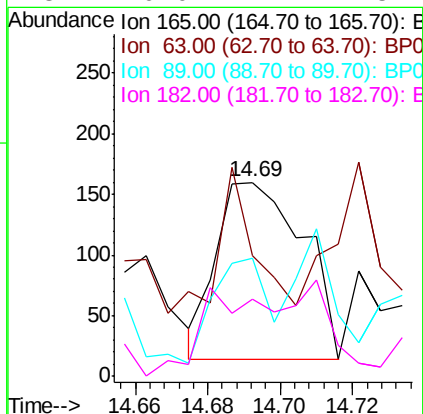
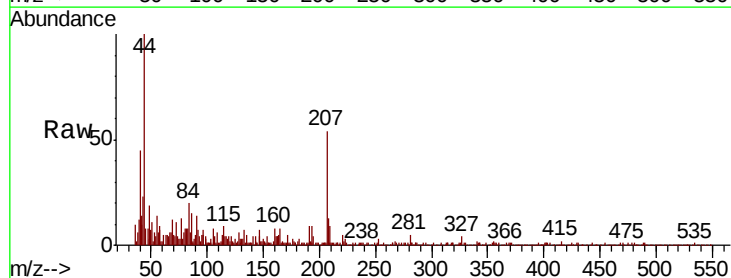
Instrument :
BNA_P
ClientSampleId :
BS-STOCK-2

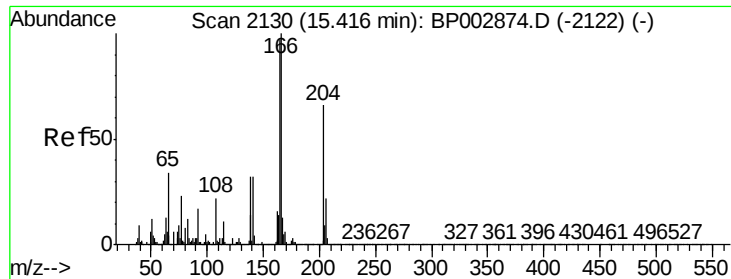
Tot Ion:184 Resp: 38
Ion Ratio Lower Upper
184 100
63 120.5 36.4 54.6#
154 45.5 46.6 69.8#



#57
2,4-Dinitrotoluene
Concen: 3.816 ng
RT: 14.69 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BP002968.D
Acq: 13 Aug 2020 16:21

Tgt Ion:165 Resp: 243
Ion Ratio Lower Upper
165 100
63 61.9 22.6 34.0#
89 75.0 46.2 69.2#
182 40.0 2.2 3.4#





#62

4-Nitroaniline

Concen: 2.419 ng

RT: 15.38 min Scan# 2124

Delta R.T. -0.02 min

Lab File: BP002968.D

Acq: 13 Aug 2020 16:21

Instrument :

BNA_P

ClientSampleId :

BS-STOCK-2

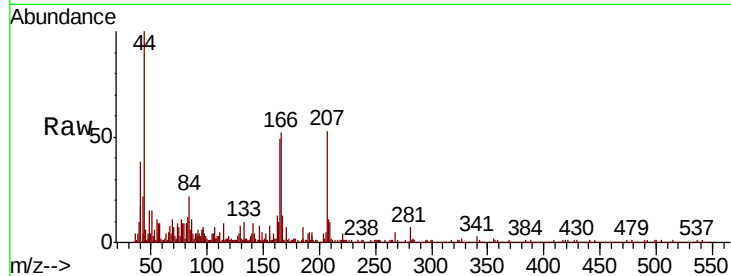
Tot Ion:138 Resp: 49

Ion Ratio Lower Upper

138 100

92 73.3 21.2 61.2#

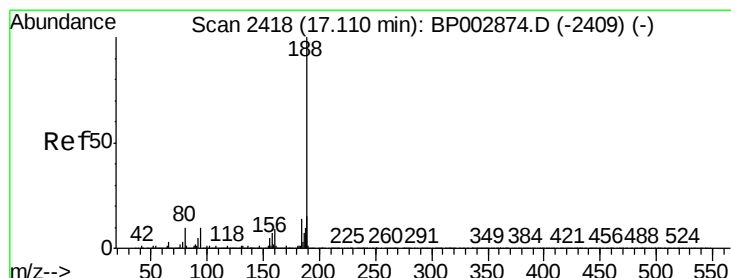
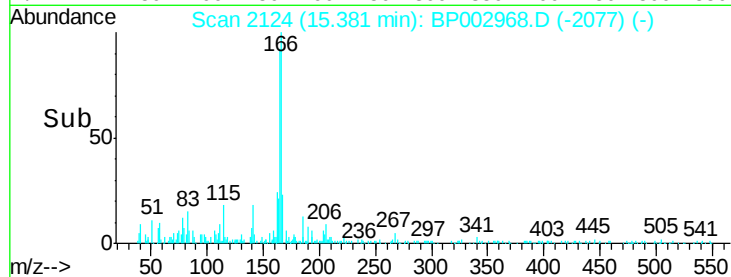
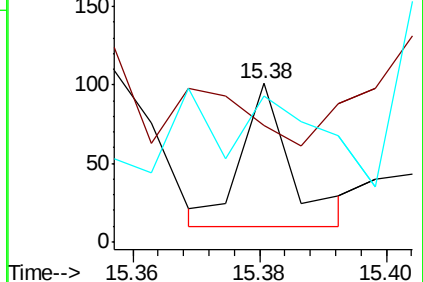
108 150.5 40.5 80.5#



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: BP002968.D

Acq: 13 Aug 2020 16:21

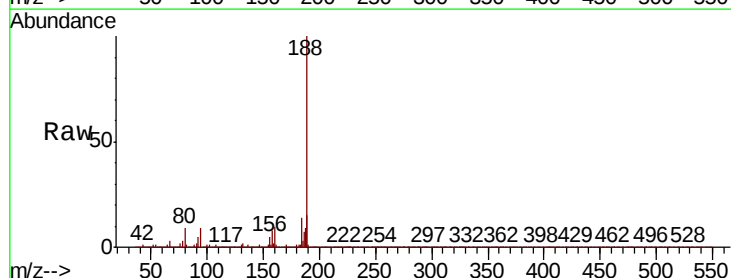
Tgt Ion:188 Resp: 2094607

Ion Ratio Lower Upper

188 100

94 9.0 7.0 10.6

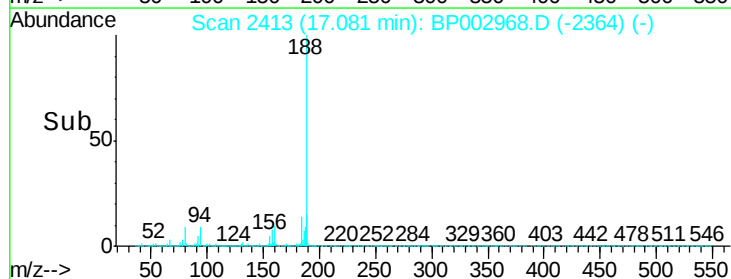
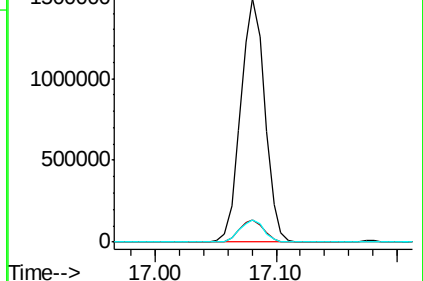
80 9.0 7.0 10.6

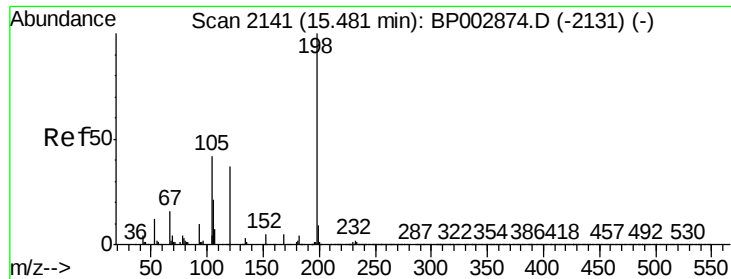


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BP0

Ion 80.00 (79.70 to 80.70): BP0

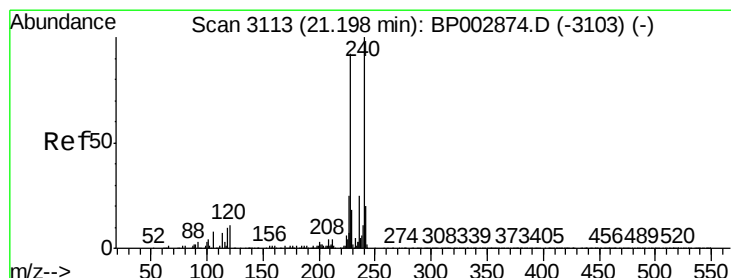
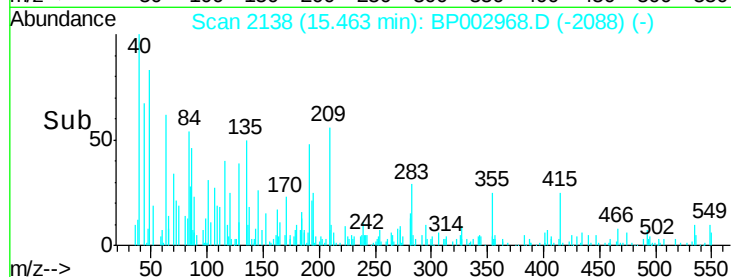
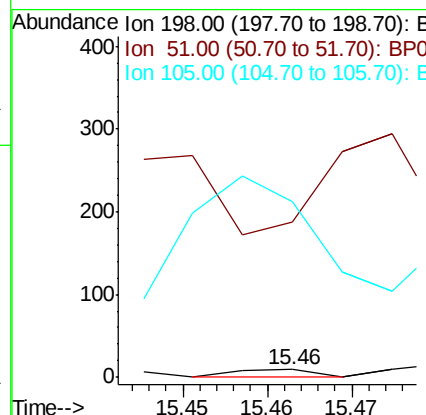
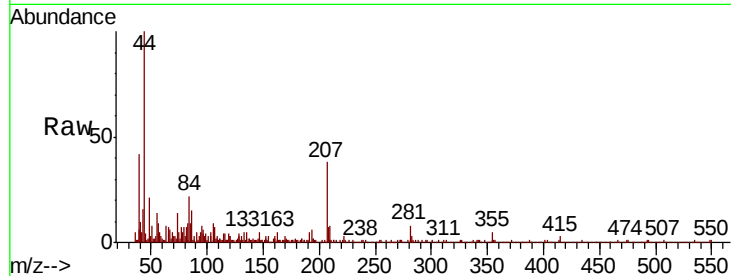




#65
 4,6-Dinitro-2-methylphenol
 Concen: 6.901 ng
 RT: 15.46 min Scan# 2138
 Delta R.T. -0.01 min
 Lab File: BP002968.D
 Acq: 13 Aug 2020 16:21

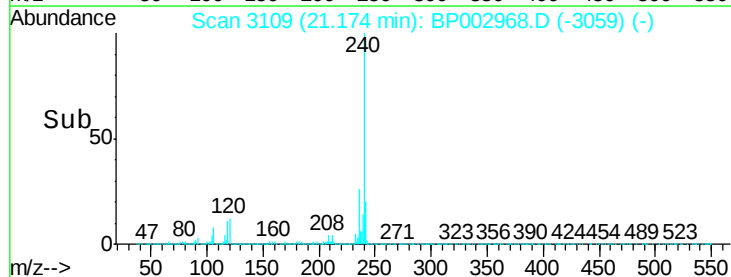
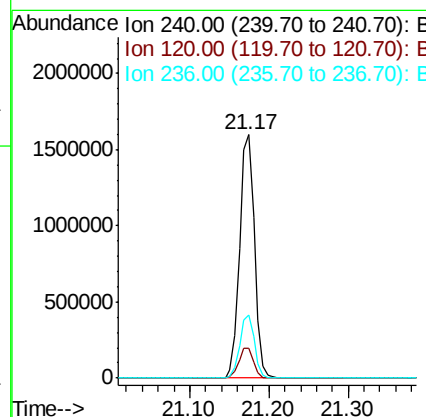
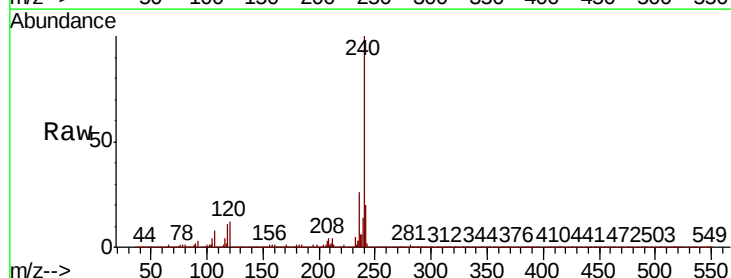
Instrument :
 BNA_P
 ClientSampleId :
 BS-STOCK-2

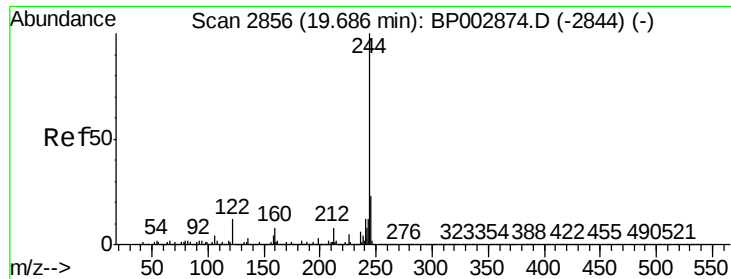
Tot Ion:198 Resp: 6
 Ion Ratio Lower Upper
 198 100
 51 2088.9 6.5 46.5#
 105 2366.7 20.4 60.4#



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.17 min Scan# 3109
 Delta R.T. -0.01 min
 Lab File: BP002968.D
 Acq: 13 Aug 2020 16:21

Tgt Ion:240 Resp: 2069523
 Ion Ratio Lower Upper
 240 100
 120 12.1 10.6 16.0
 236 26.1 20.7 31.1





#79

Terphenyl-d14

Concen: 64.851 ng

RT: 19.66 min Scan# 2852

Delta R.T. -0.01 min

Lab File: BP002968.D

Acq: 13 Aug 2020 16:21

Instrument :

BNA_P

ClientSampleId :

BS-STOCK-2

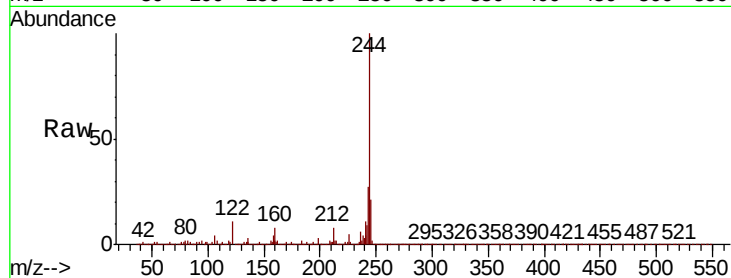
Tot Ion:244 Resp: 6703938

Ion Ratio Lower Upper

244 100

212 7.9 6.3 9.5

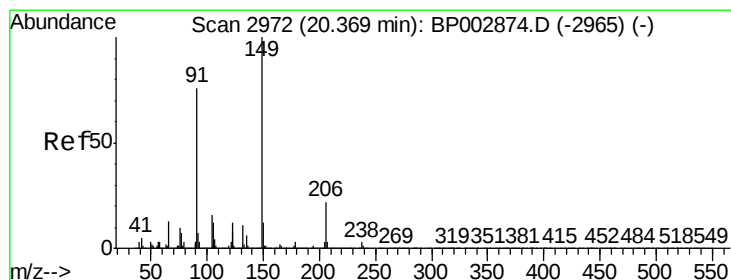
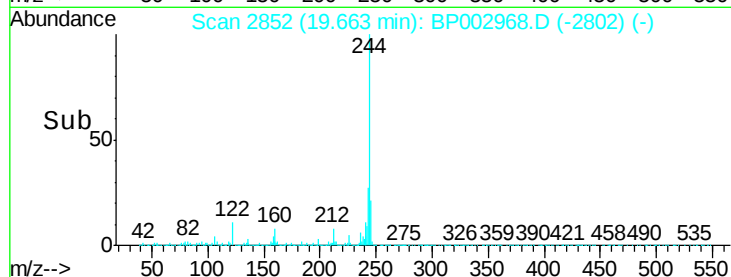
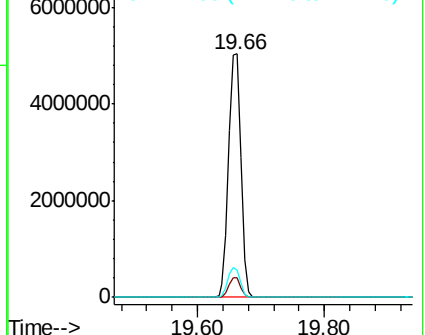
122 11.1 9.9 14.9



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: 3.070 ng

RT: 20.33 min Scan# 2966

Delta R.T. -0.02 min

Lab File: BP002968.D

Acq: 13 Aug 2020 16:21

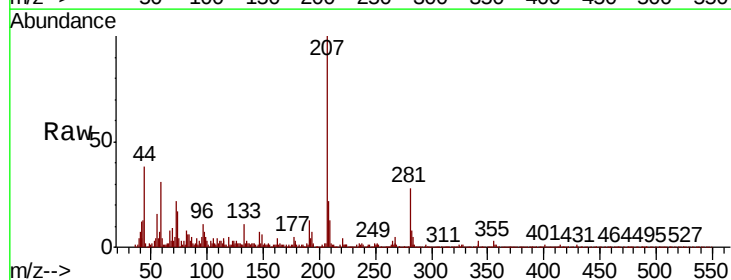
Tgt Ion:149 Resp: 781

Ion Ratio Lower Upper

149 100

91 64.7 46.5 69.7

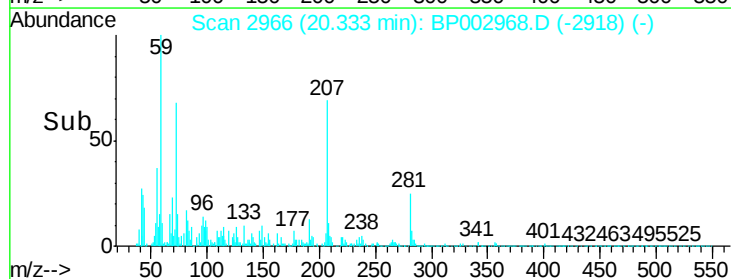
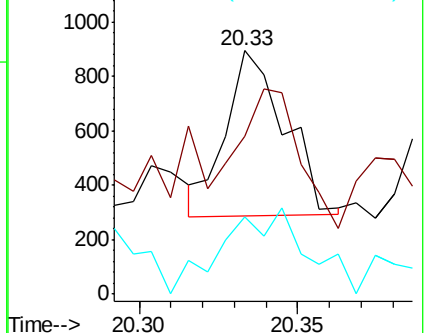
206 31.8 17.2 25.8#

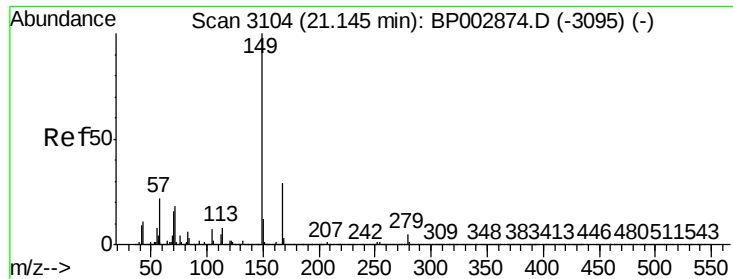


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BP0

Ion 206.00 (205.70 to 206.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 2.616 ng

RT: 20.96 min Scan# 3073

Delta R.T. -0.16 min

Lab File: BP002968.D

Acq: 13 Aug 2020 16:21

Instrument :

BNA_P

ClientSampleId :

BS-STOCK-2

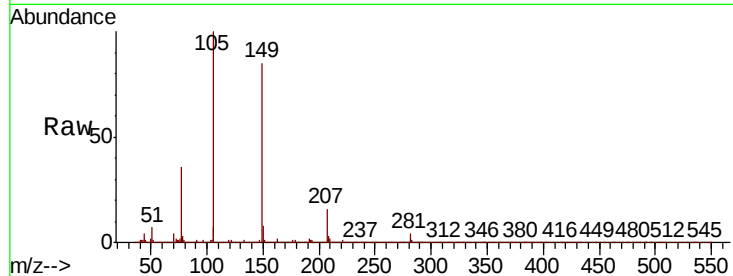
Tot Ion:149 Resp: 209450

Ion Ratio Lower Upper

149 100

167 0.1 23.0 34.6#

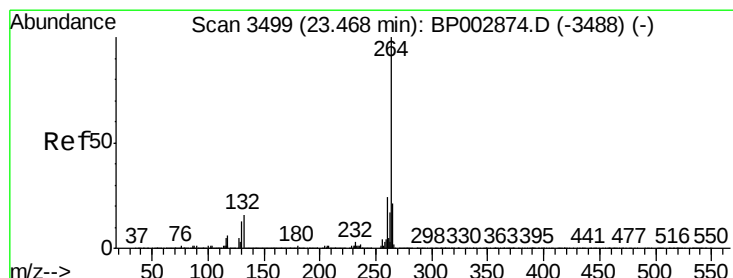
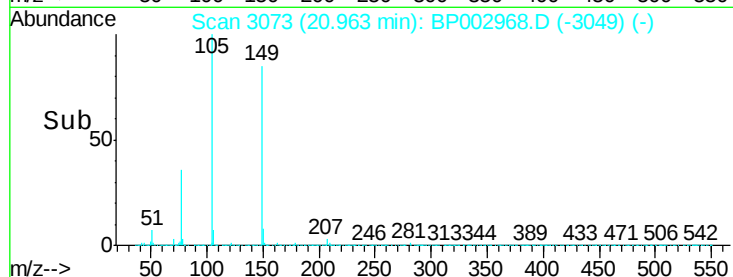
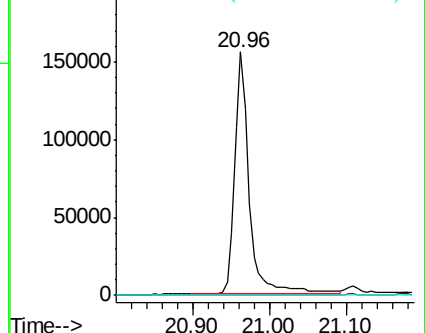
279 0.0 3.8 5.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.42 min Scan# 3491

Delta R.T. -0.01 min

Lab File: BP002968.D

Acq: 13 Aug 2020 16:21

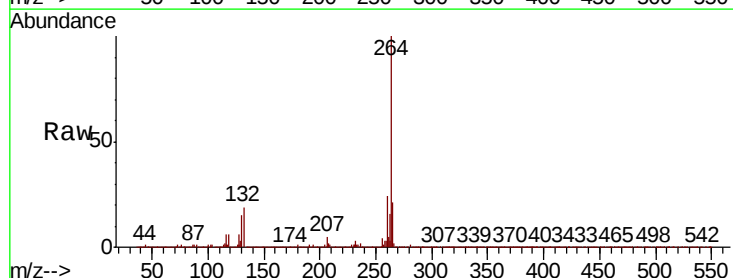
Tgt Ion:264 Resp: 2174970

Ion Ratio Lower Upper

264 100

260 24.1 18.7 28.1

265 21.1 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

