

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP081320\
 Data File : BP002975.D
 Acq On : 13 Aug 2020 20:20
 Operator : CG/JU
 Sample : L3648-17
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BS-STOCK-9

Quant Time: Aug 14 00:54:01 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	337512	20.00	ng	-0.01
21) Naphthalene-d8	10.47	136	1403139	20.00	ng	-0.01
39) Acenaphthene-d10	14.33	164	884459	20.00	ng	-0.01
64) Phenanthrene-d10	17.08	188	1932060	20.00	ng	-0.01
76) Chrysene-d12	21.17	240	1931979	20.00	ng	0.00
86) Perylene-d12	23.42	264	1985657	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.30	112	1114248	50.53	ng	0.00
7) Phenol-d6	6.86	99	838416	27.38	ng	-0.02
23) Nitrobenzene-d5	8.83	82	1722558	66.49	ng	-0.01
42) 2,4,6-Tribromophenol	15.82	330	1233859	112.24	ng	-0.01
45) 2-Fluorobiphenyl	12.95	172	4929240	76.15	ng	-0.01
79) Terphenyl-d14	19.66	244	6781549	70.27	ng	0.00

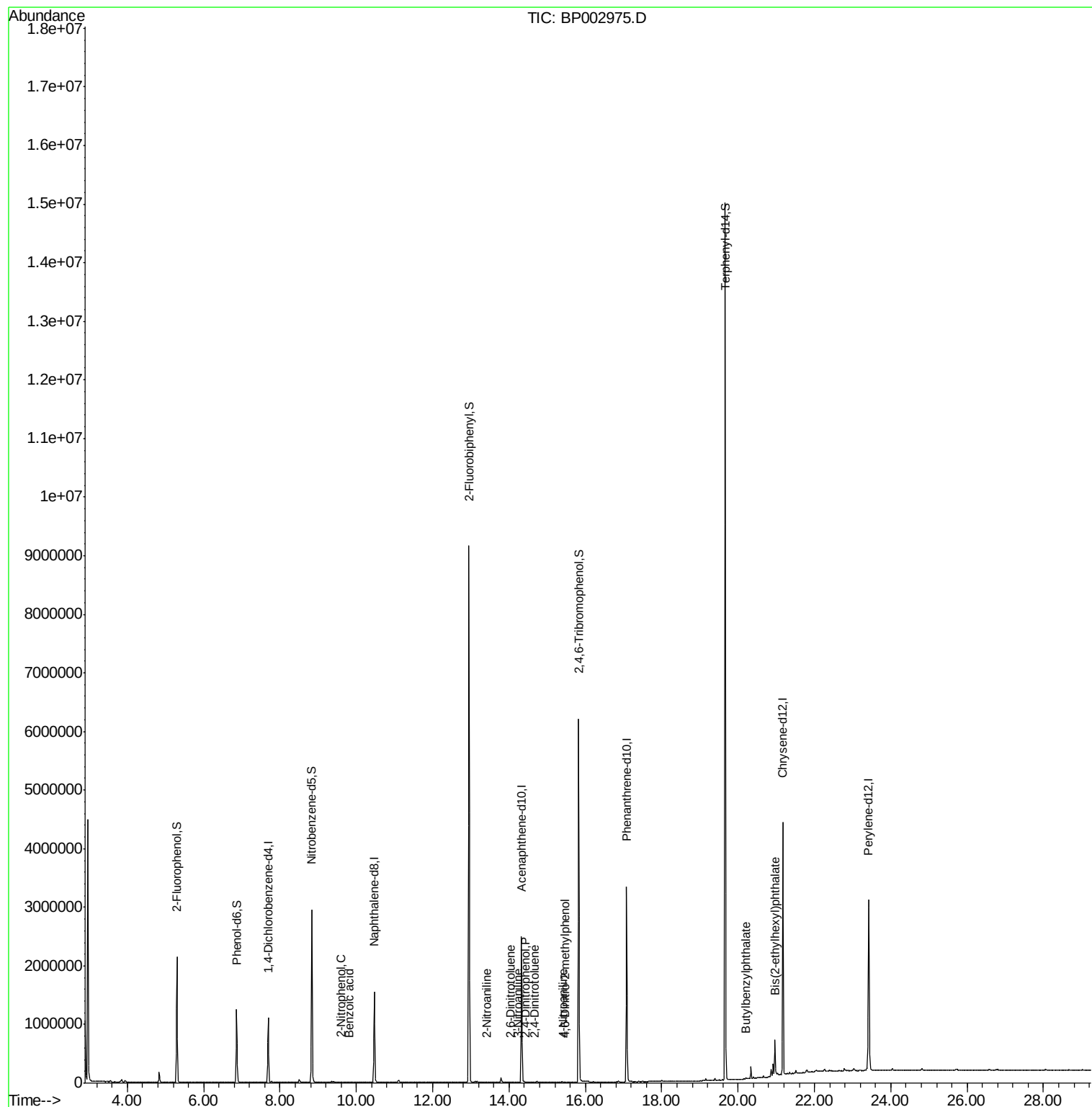
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
26) 2-Nitrophenol	9.60	139	16	4.522	ng	# 1
32) Benzoic acid	9.82	122	335	7.708	ng	# 79
48) 2-Nitroaniline	13.41	65	101	3.978	ng	# 27
51) 2,6-Dinitrotoluene	14.03	165	47	2.902	ng	# 91
53) 3-Nitroaniline	14.22	138	40	3.276	ng	# 1
54) 2,4-Dinitrophenol	14.42	184	29	8.061	ng	# 1
57) 2,4-Dinitrotoluene	14.69	165	35	3.807	ng	# 24
62) 4-Nitroaniline	15.43	138	45	2.419	ng	# 85
65) 4,6-Dinitro-2-methylphenol	15.47	198	11	6.901	ng	# 1
80) Butylbenzylphthalate	20.20	149	239	3.062	ng	# 90
84) Bis(2-ethylhexyl)phthalate	20.96	149	267821	3.583	ng	# 52

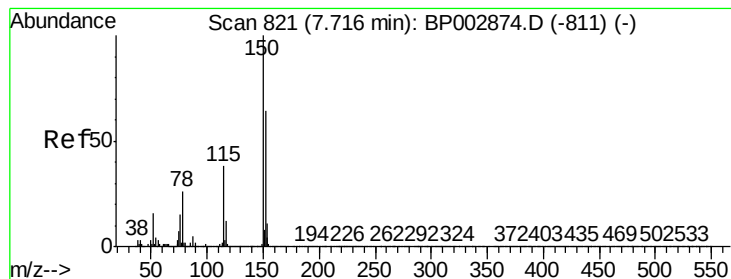
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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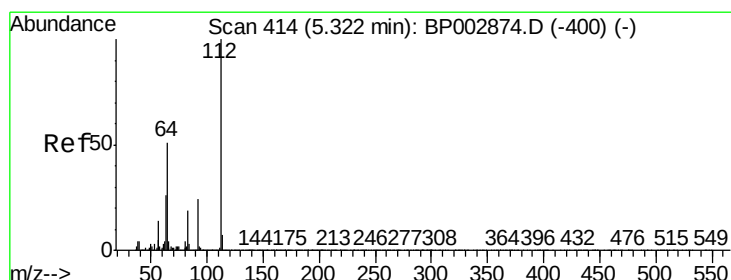
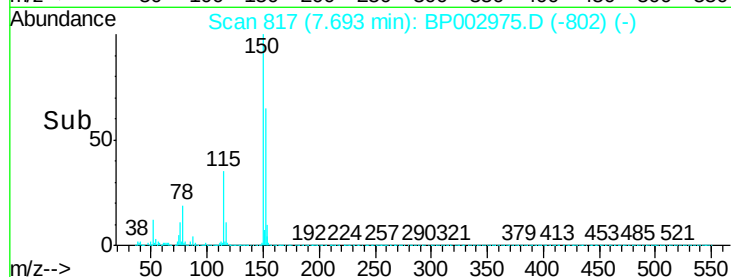
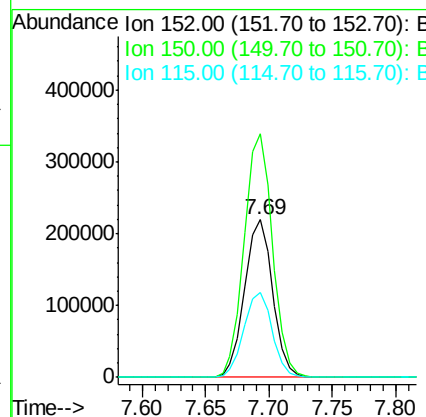
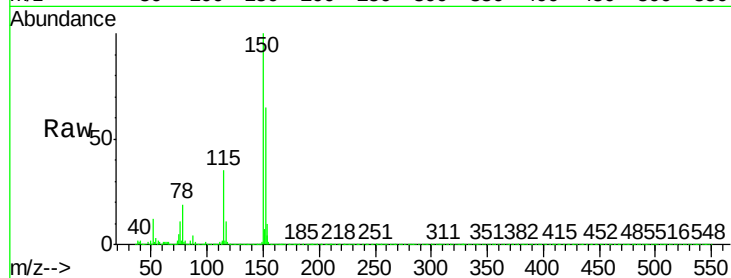


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.69 min Scan# 817
Delta R.T. -0.01 min
Lab File: BP002975.D
Acq: 13 Aug 2020 20:20

Instrument :
BNA_P
ClientSampleId :
BS-STOCK-9

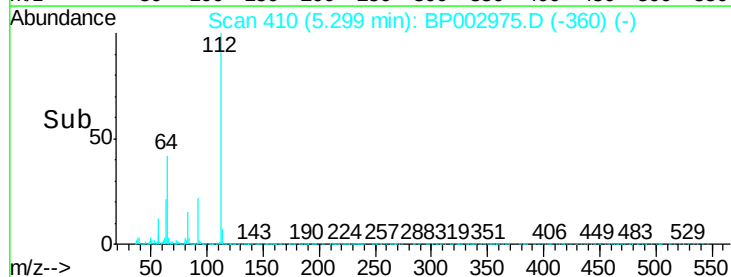
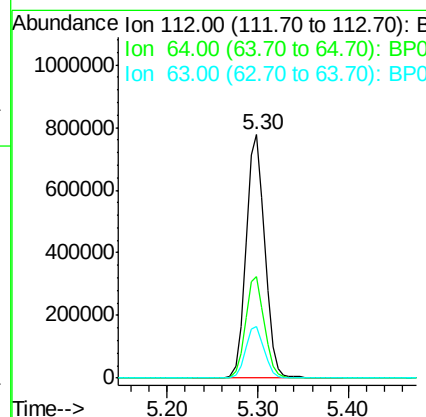
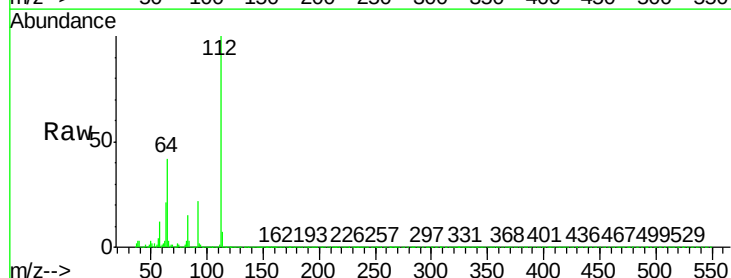
Tot Ion	Ratio	Lower	Upper
152	100		
150	154.3	124.2	186.4
115	53.9	42.1	63.1

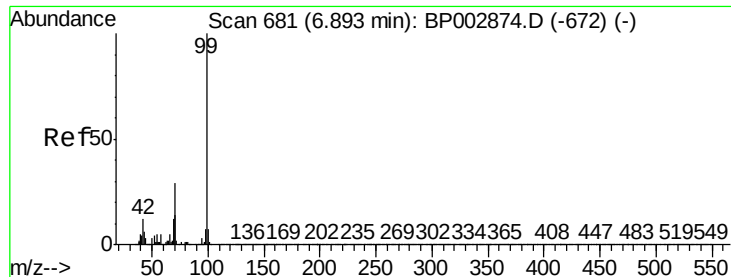


#5

2-Fluorophenol
Concen: 50.527 ng
RT: 5.30 min Scan# 410
Delta R.T. -0.01 min
Lab File: BP002975.D
Acq: 13 Aug 2020 20:20

Tgt Ion	Ratio	Lower	Upper
112	100		
64	41.6	33.8	50.8
63	21.1	17.2	25.8





#7

Phenol-d6

Concen: 27.384 ng

RT: 6.86 min Scan# 676

Delta R.T. -0.02 min

Lab File: BP002975.D

Acq: 13 Aug 2020 20:20

Instrument :

BNA_P

ClientSampleId :

BS-STOCK-9

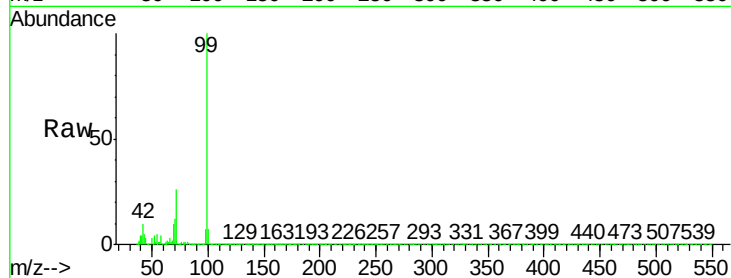
Tot Ion: 99 Resp: 838416

Ion Ratio Lower Upper

99 100

42 10.4 8.1 12.1

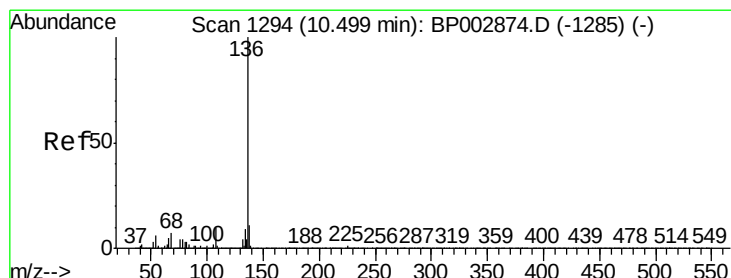
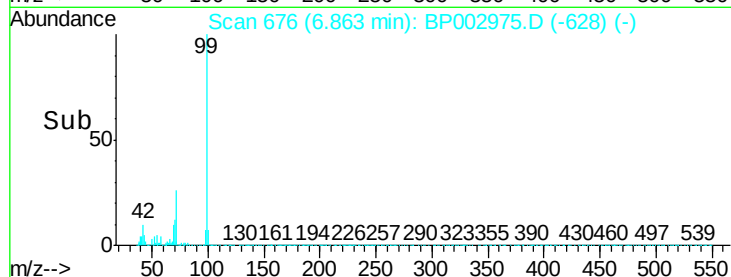
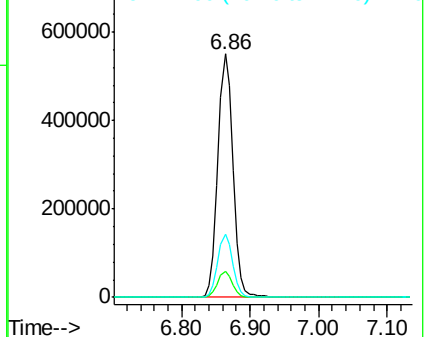
71 26.2 21.0 31.4



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: BP002975.D

Acq: 13 Aug 2020 20:20

Tgt Ion: 136 Resp: 1403139

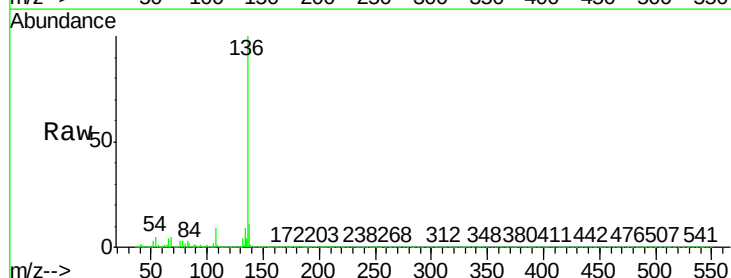
Ion Ratio Lower Upper

136 100

137 11.2 9.0 13.4

54 4.9 3.9 5.9

68 5.0 3.8 5.8

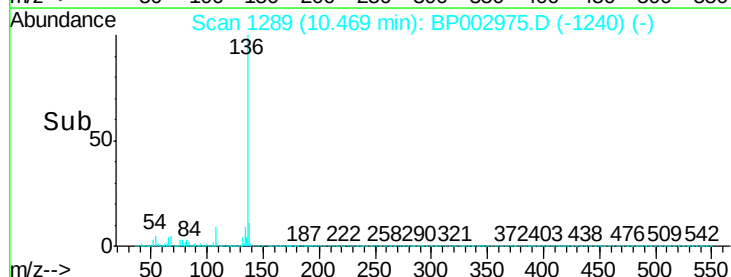
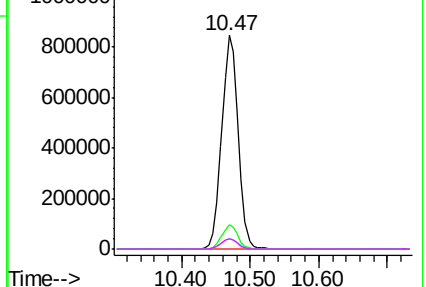


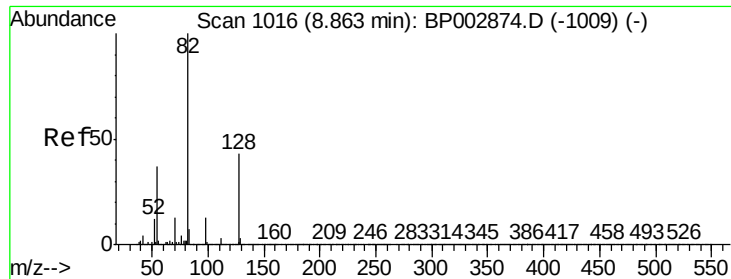
Abundance Ion 136.00 (135.70 to 136.70): E

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

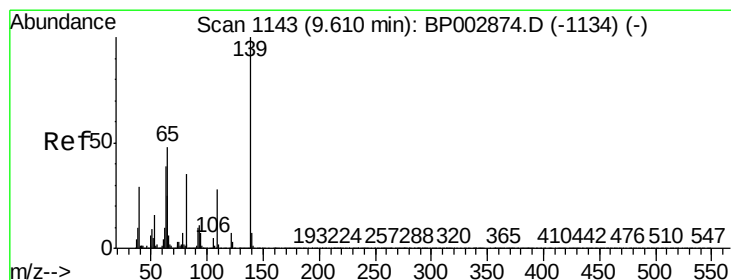
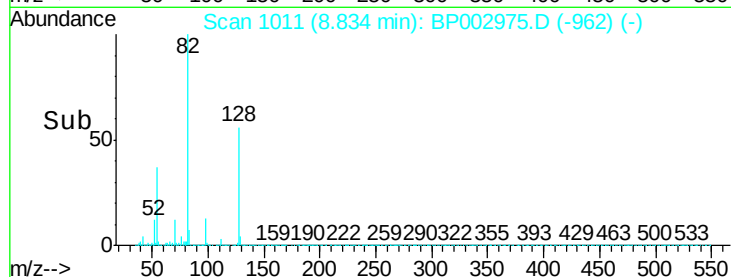
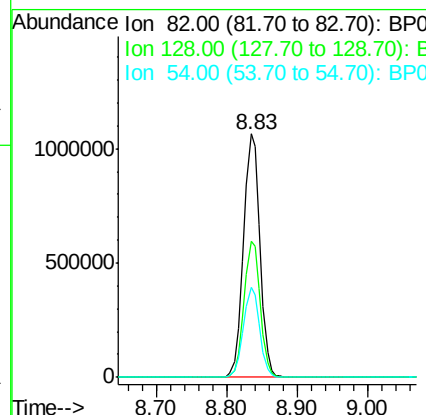
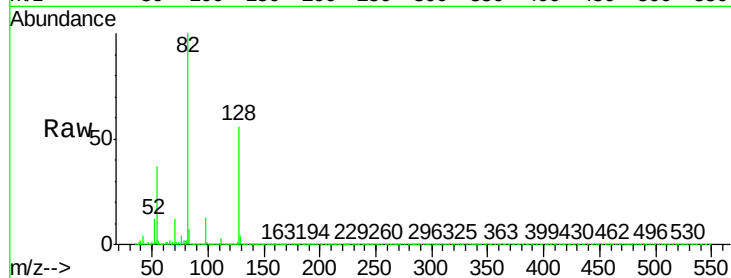




#23
Nitrobenzene-d5
Concen: 66.492 ng
RT: 8.83 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BP002975.D
Acq: 13 Aug 2020 20:20

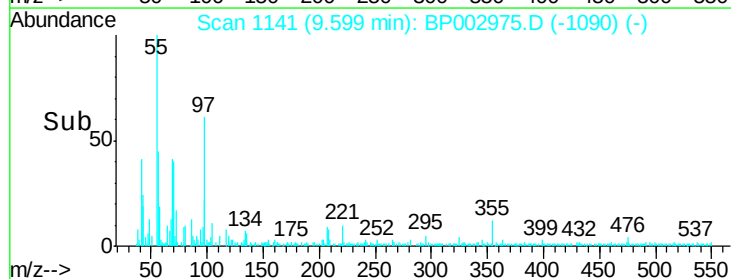
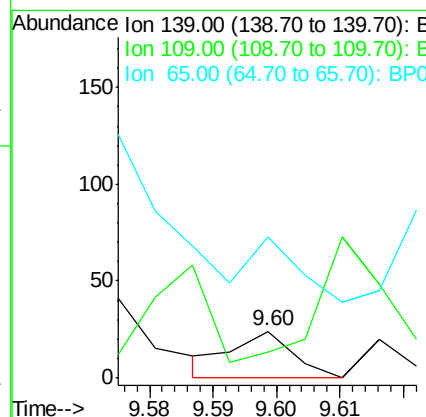
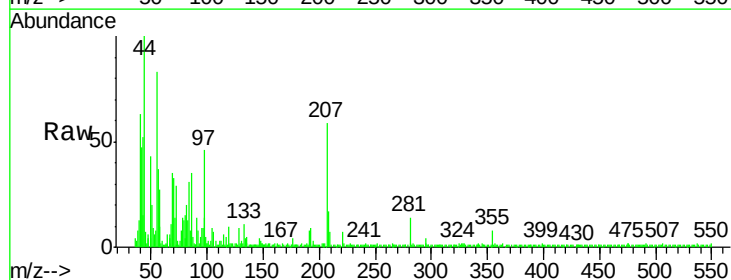
Instrument :
BNA_P
ClientSampleId :
BS-STOCK-9

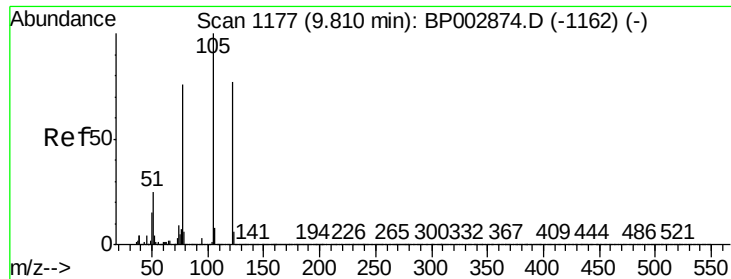
Tot Ion: 82 Resp: 1722558
Ion Ratio Lower Upper
82 100
128 56.1 44.6 66.8
54 36.8 29.2 43.8



#26
2-Nitrophenol
Concen: 4.522 ng
RT: 9.60 min Scan# 1141
Delta R.T. -0.00 min
Lab File: BP002975.D
Acq: 13 Aug 2020 20:20

Tgt Ion:139 Resp: 16
Ion Ratio Lower Upper
139 100
109 54.2 19.5 29.3#
65 304.2 26.6 40.0#





#32

Benzoic acid

Concen: 7.708 ng

RT: 9.82 min Scan# 1178

Delta R.T. -0.00 min

Lab File: BP002975.D

Acq: 13 Aug 2020 20:20

Instrument :

BNA_P

ClientSampleId :

BS-STOCK-9

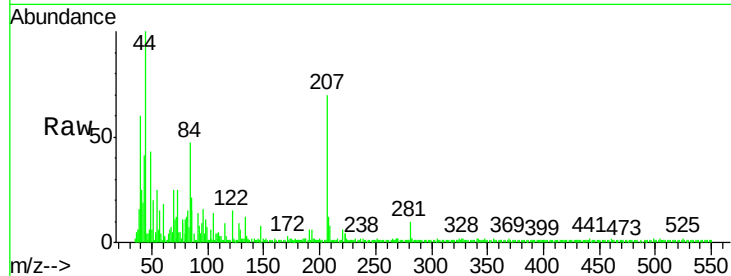
Tot Ion:122 Resp: 335

Ion Ratio Lower Upper

122 100

105 86.0 95.8 135.8#

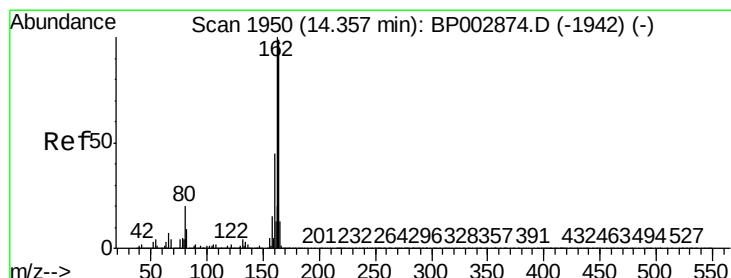
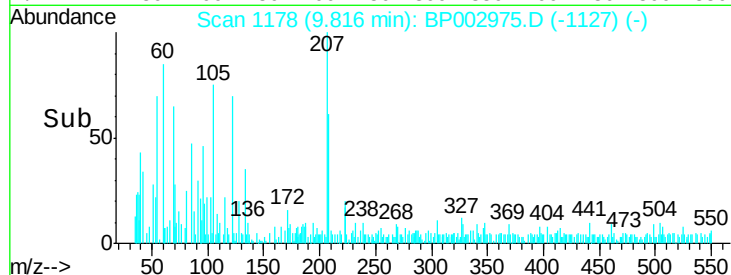
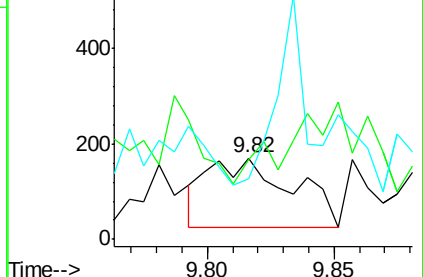
77 65.8 54.7 94.7



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BP0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.33 min Scan# 1945

Delta R.T. -0.01 min

Lab File: BP002975.D

Acq: 13 Aug 2020 20:20

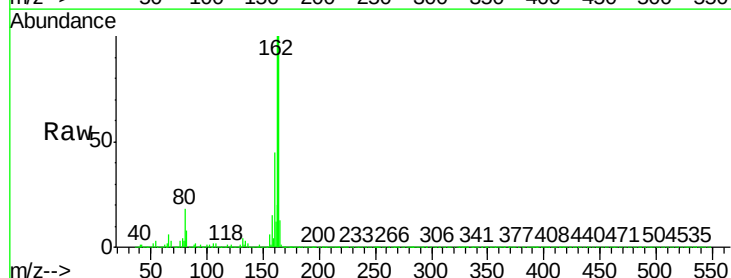
Tgt Ion:164 Resp: 884459

Ion Ratio Lower Upper

164 100

162 100.2 81.0 121.4

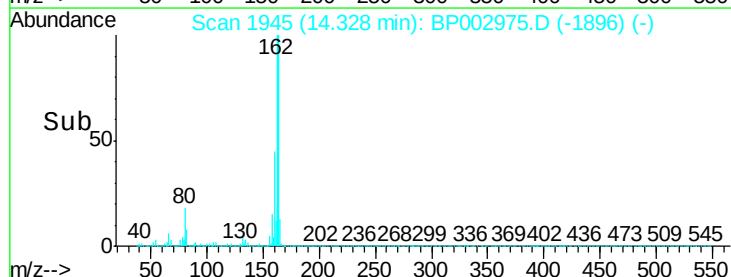
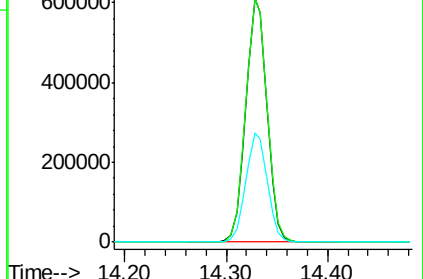
160 44.9 36.2 54.4

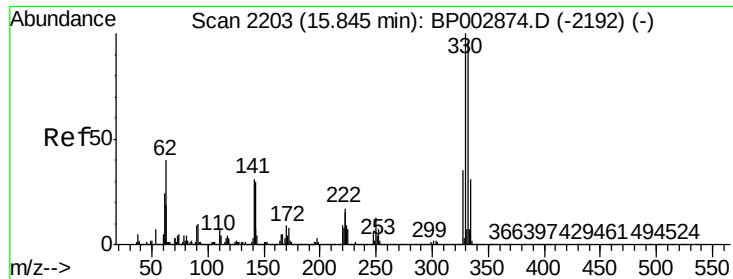


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



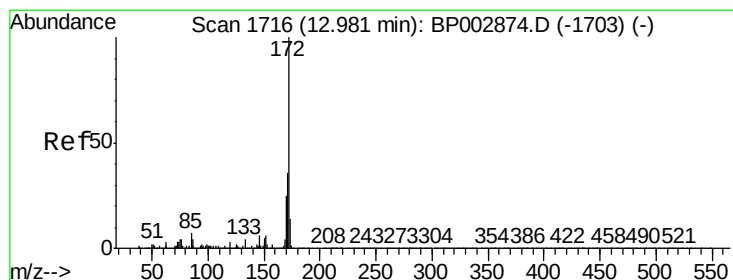
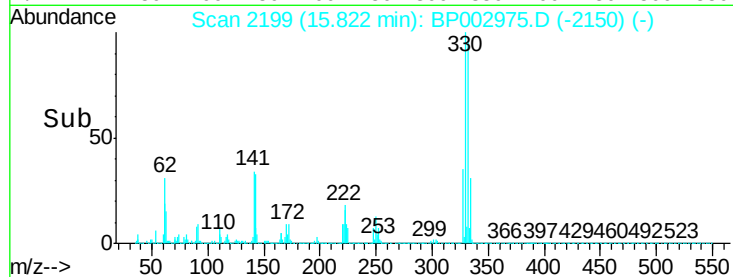
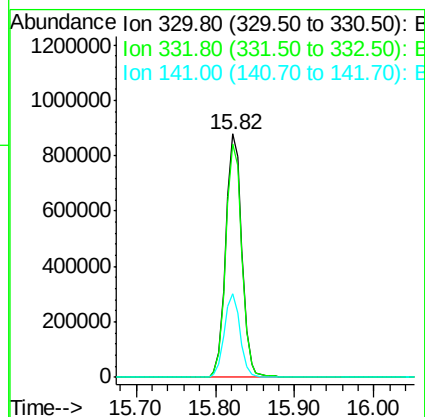
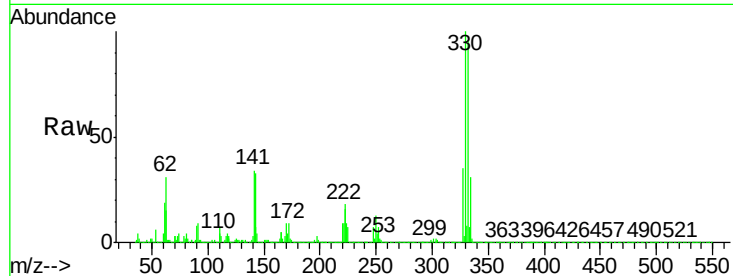


#42
 2,4,6-Tribromophenol
 Concen: 112.242 ng
 RT: 15.82 min Scan# 2199
 Delta R.T. -0.01 min
 Lab File: BP002975.D
 Acq: 13 Aug 2020 20:20

Instrument :
 BNA_P
 ClientSampleId :
 BS-STOCK-9

Tot Ion:330 Resp: 1233859

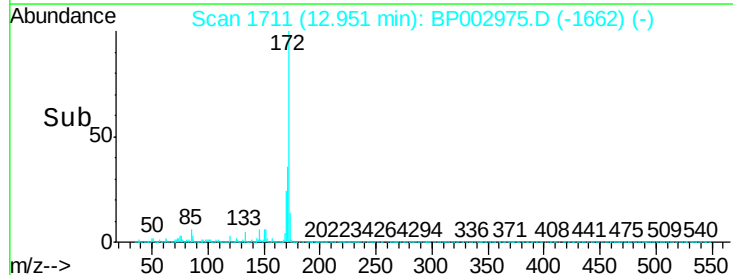
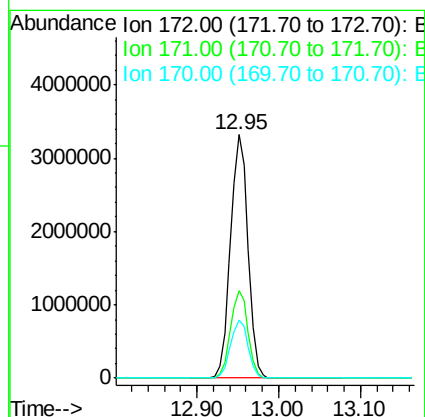
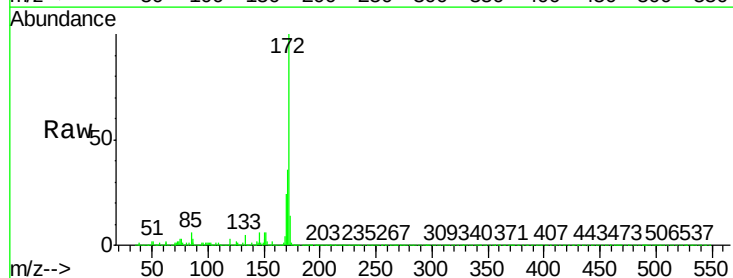
Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.0	115.4
141	33.9	28.6	43.0

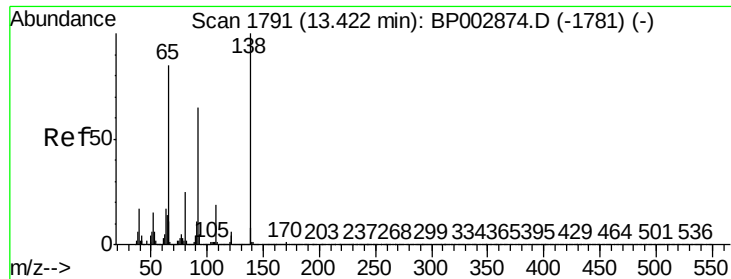


#45
 2-Fluorobiphenyl
 Concen: 76.146 ng
 RT: 12.95 min Scan# 1711
 Delta R.T. -0.01 min
 Lab File: BP002975.D
 Acq: 13 Aug 2020 20:20

Tgt Ion:172 Resp: 4929240

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.6	44.4
170	24.0	19.6	29.4

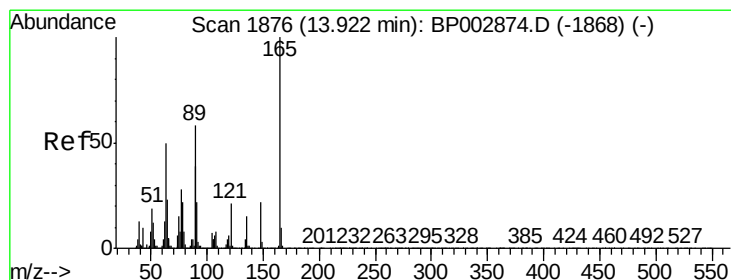
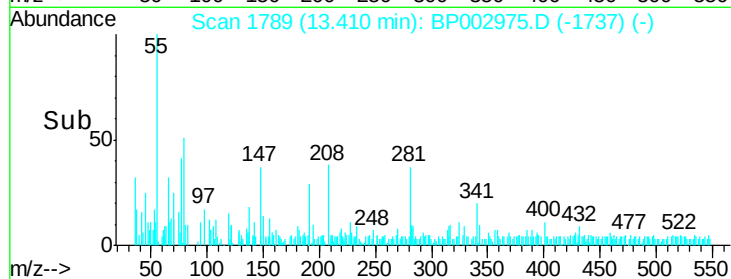
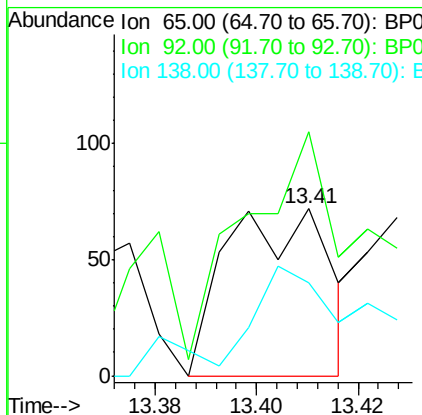
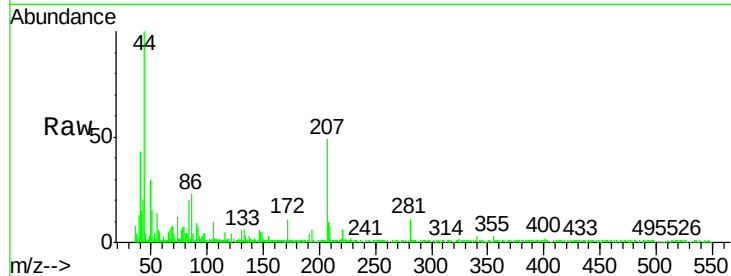




#48
2-Nitroaniline
Concen: 3.978 ng
RT: 13.41 min Scan# 1789
Delta R.T. 0.01 min
Lab File: BP002975.D
Acq: 13 Aug 2020 20:20

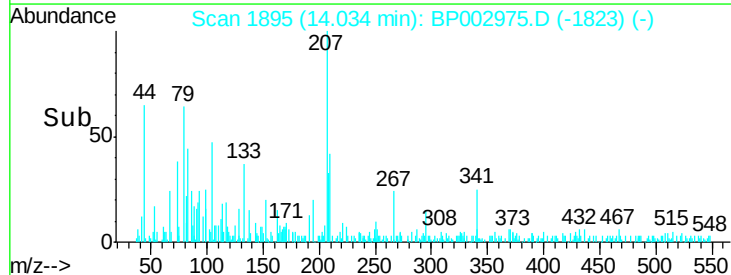
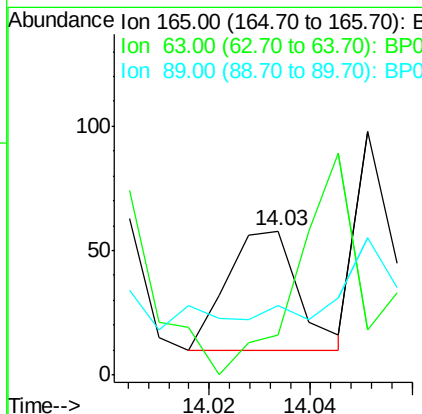
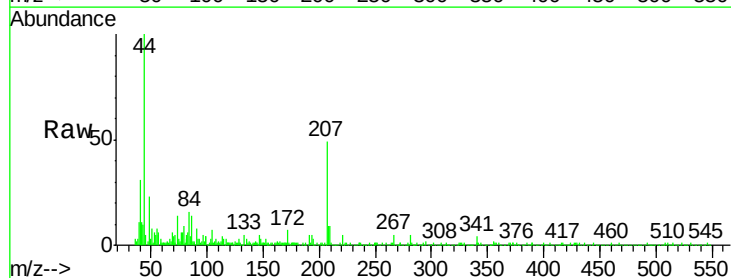
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ClientSampleId :
BS-STOCK-9

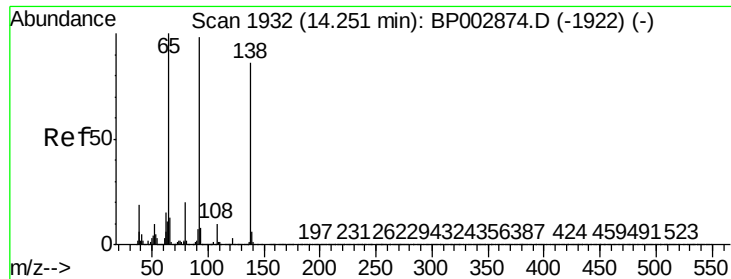
Tot Ion: 65 Resp: 101
Ion Ratio Lower Upper
65 100
92 145.8 69.6 104.4#
138 55.6 125.6 188.4#



#51
2,6-Dinitrotoluene
Concen: 2.902 ng
RT: 14.03 min Scan# 1895
Delta R.T. 0.12 min
Lab File: BP002975.D
Acq: 13 Aug 2020 20:20

Tgt Ion: 165 Resp: 47
Ion Ratio Lower Upper
165 100
63 27.6 27.5 41.3
89 48.3 35.3 52.9

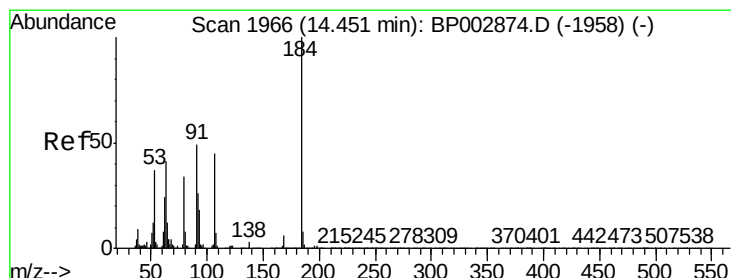
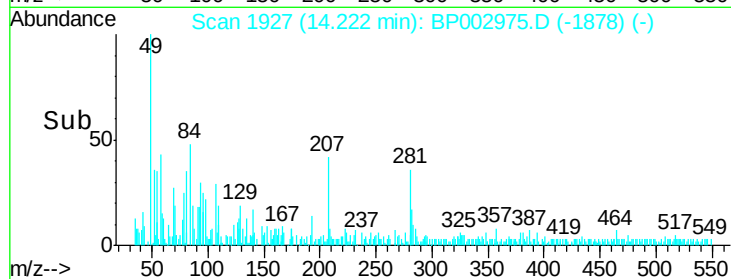
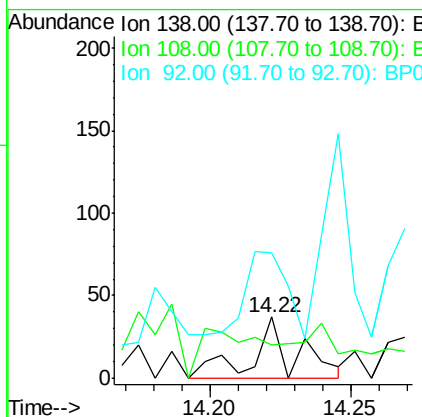
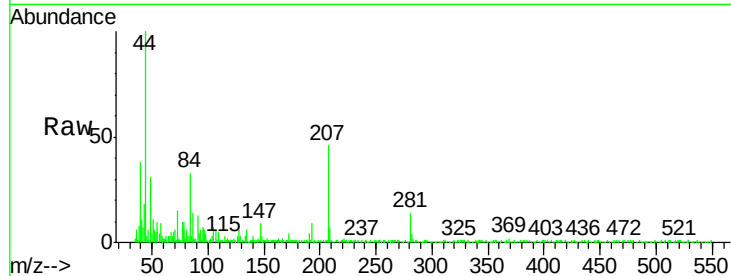




#53
3-Nitroaniline
Concen: 3.276 ng
RT: 14.22 min Scan# 1927
Delta R.T. -0.01 min
Lab File: BP002975.D
Acq: 13 Aug 2020 20:20

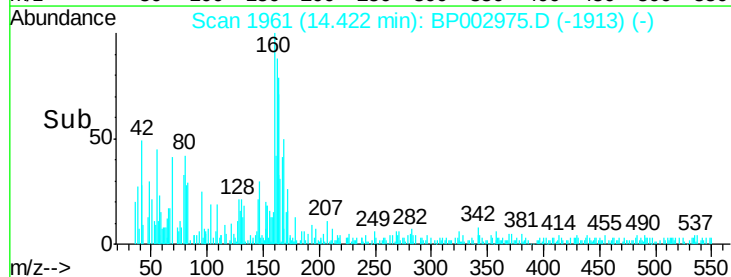
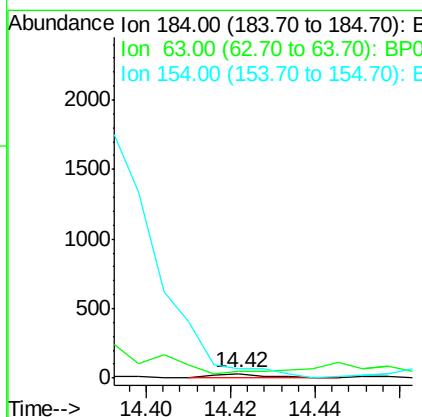
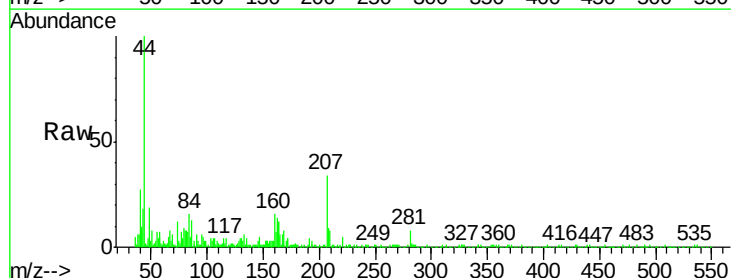
Instrument :
BNA_P
ClientSampleId :
BS-STOCK-9

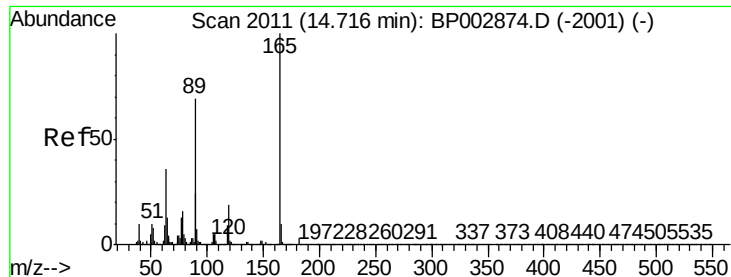
Tot Ion:138 Resp: 40
Ion Ratio Lower Upper
138 100
108 54.1 7.2 10.8#
92 205.4 75.8 113.6#



#54
2,4-Dinitrophenol
Concen: 8.061 ng
RT: 14.42 min Scan# 1961
Delta R.T. -0.02 min
Lab File: BP002975.D
Acq: 13 Aug 2020 20:20

Tgt Ion:184 Resp: 29
Ion Ratio Lower Upper
184 100
63 156.7 36.4 54.6#
154 220.0 46.6 69.8#





#57

2,4-Dinitrotoluene

Concen: 3.807 ng

RT: 14.69 min Scan# 2006

Delta R.T. -0.01 min

Lab File: BP002975.D

Acq: 13 Aug 2020 20:20

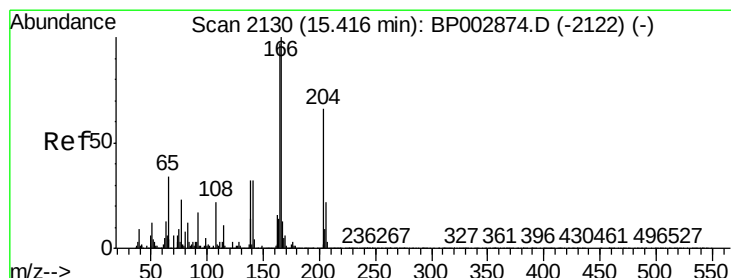
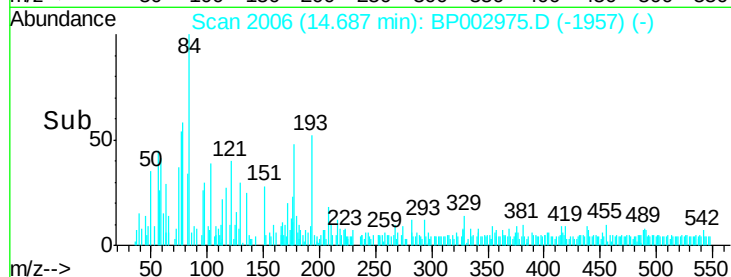
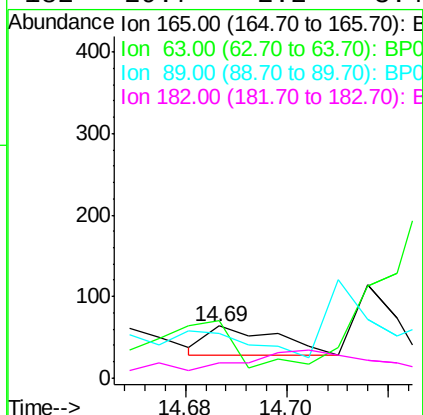
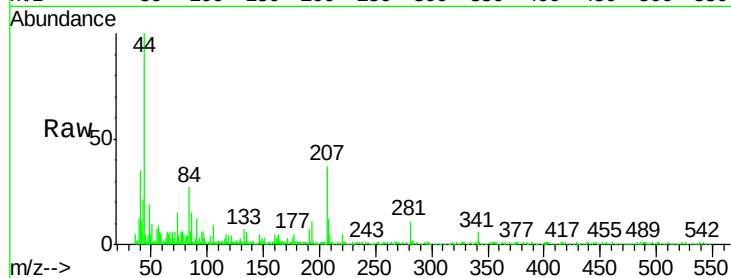
Instrument :

BNA_P

ClientSampleId :

BS-STOCK-9

Tot Ion:165	Resp:	35
Ion Ratio	Lower	Upper
165 100		
63 109.4	22.6	34.0#
89 85.9	46.2	69.2#
182 29.7	2.2	3.4#



#62

4-Nitroaniline

Concen: 2.419 ng

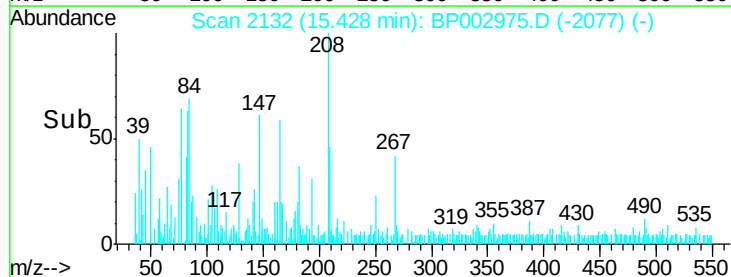
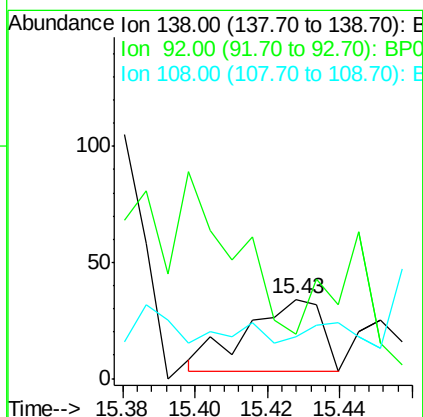
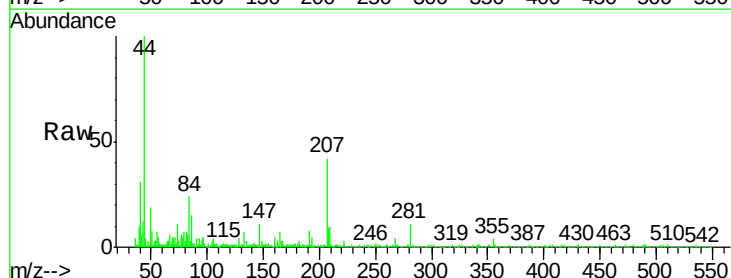
RT: 15.43 min Scan# 2132

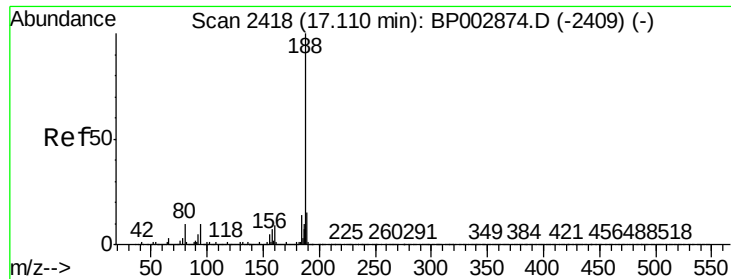
Delta R.T. 0.02 min

Lab File: BP002975.D

Acq: 13 Aug 2020 20:20

Tgt Ion	138	Resp: Lower	45 Upper
	Ratio		
138	100		
92	55.9	21.2	61.2
108	52.9	40.5	80.5

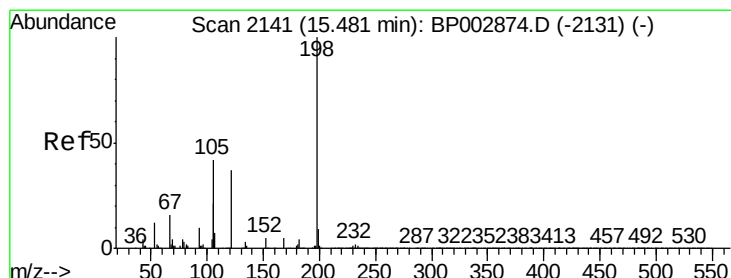
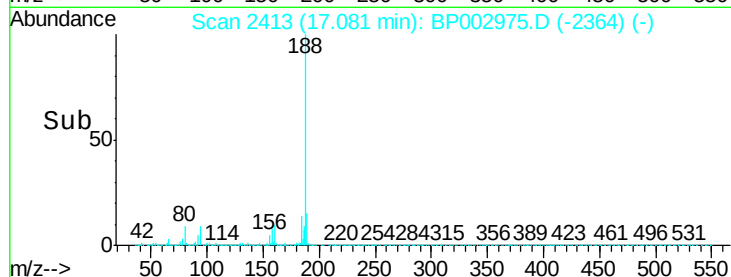
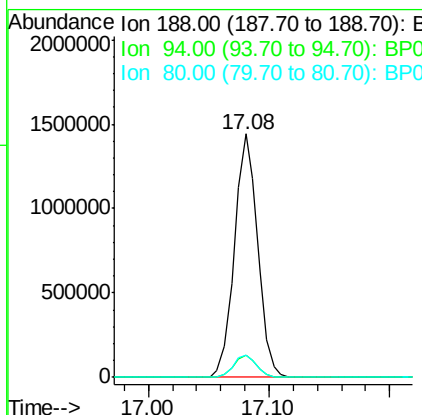
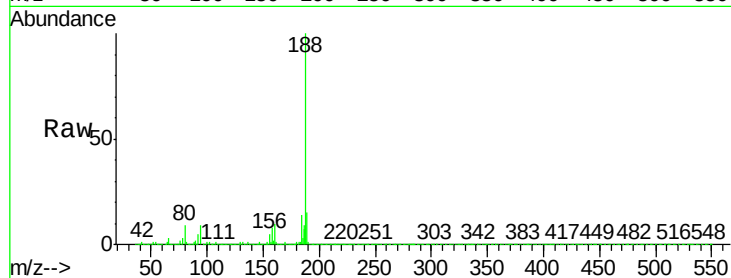




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.08 min Scan# 2413
Delta R.T. -0.01 min
Lab File: BP002975.D
Acq: 13 Aug 2020 20:20

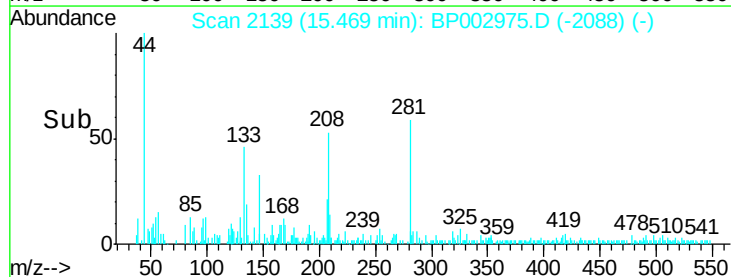
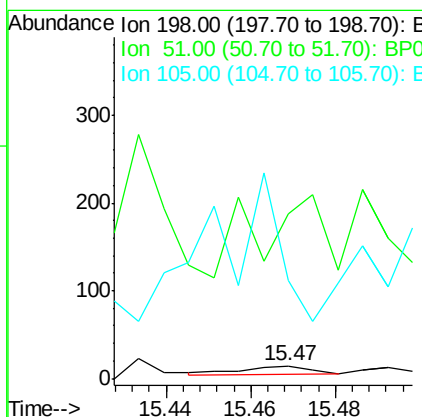
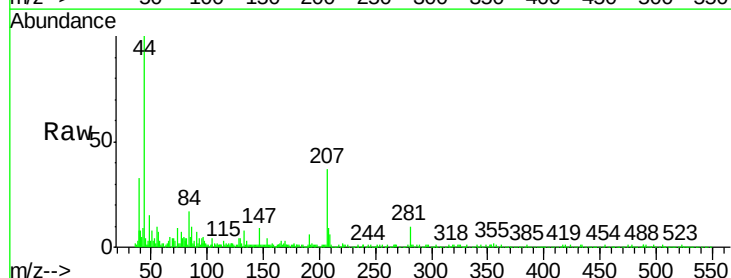
Instrument :
BNA_P
ClientSampleId :
BS-STOCK-9

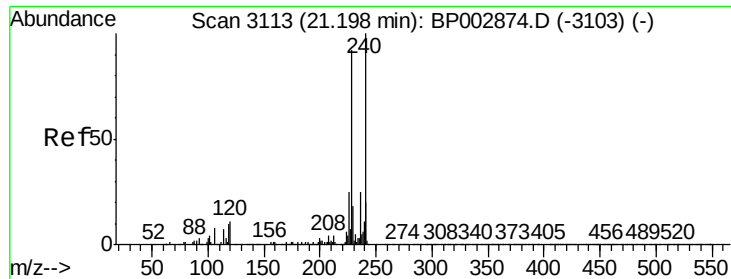
Tot Ion:188 Resp: 1932060
Ion Ratio Lower Upper
188 100
94 9.0 7.0 10.6
80 9.1 7.0 10.6



#65
4,6-Dinitro-2-methylphenol
Concen: 6.901 ng
RT: 15.47 min Scan# 2139
Delta R.T. -0.00 min
Lab File: BP002975.D
Acq: 13 Aug 2020 20:20

Tgt Ion:198 Resp: 11
Ion Ratio Lower Upper
198 100
51 850.0 6.5 46.5#
105 504.5 20.4 60.4#

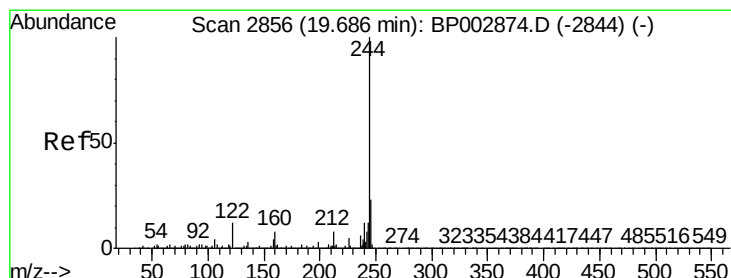
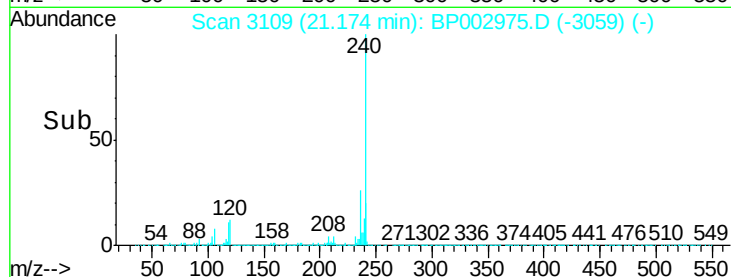
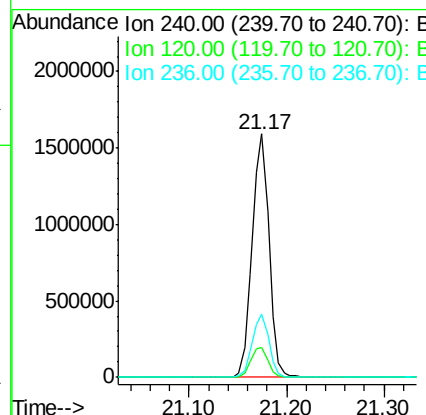
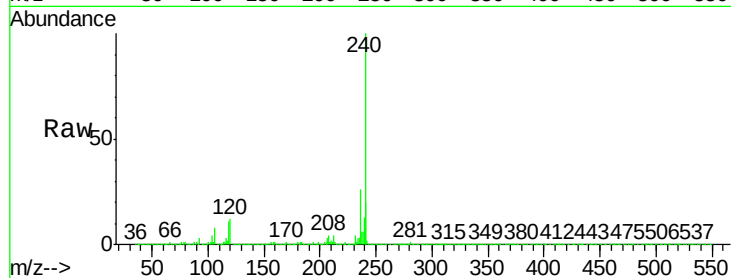




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.17 min Scan# 3109
 Delta R.T. -0.01 min
 Lab File: BP002975.D
 Acq: 13 Aug 2020 20:20

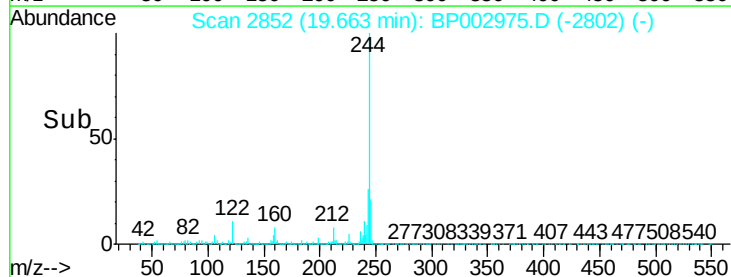
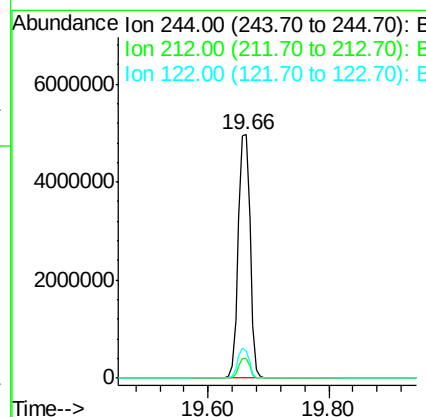
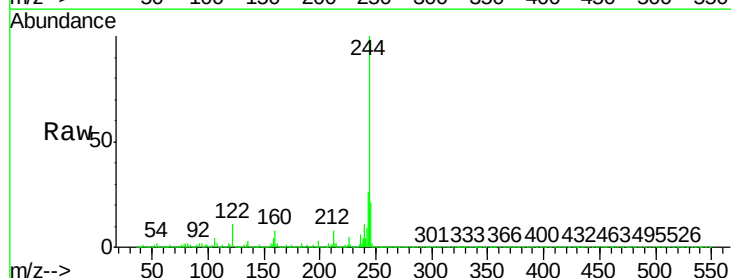
Instrument :
 BNA_P
 ClientSampleId :
 BS-STOCK-9

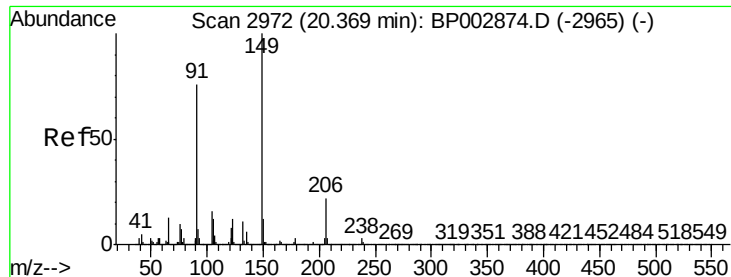
Tot Ion:240 Resp: 1931979
 Ion Ratio Lower Upper
 240 100
 120 12.1 10.6 16.0
 236 25.7 20.7 31.1



#79
 Terphenyl-d14
 Concen: 70.272 ng
 RT: 19.66 min Scan# 2852
 Delta R.T. -0.01 min
 Lab File: BP002975.D
 Acq: 13 Aug 2020 20:20

Tgt Ion:244 Resp: 6781549
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.3 9.5
 122 11.3 9.9 14.9

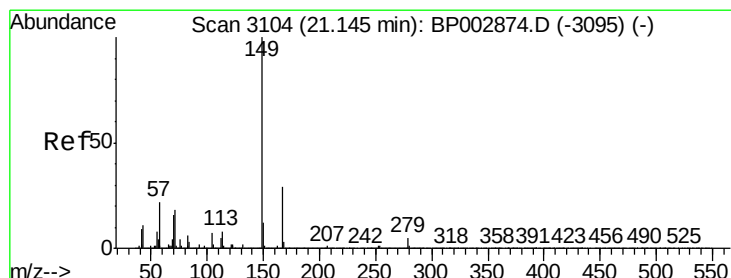
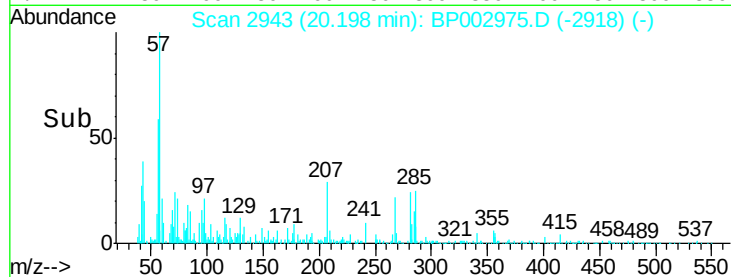
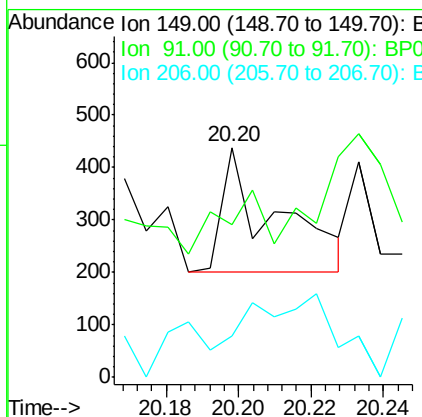
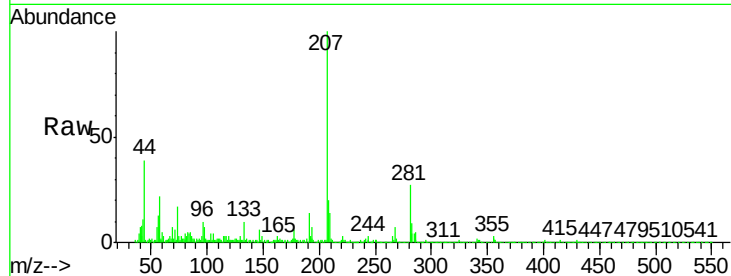




#80
 Butylbenzylphthalate
 Concen: 3.062 ng
 RT: 20.20 min Scan# 2943
 Delta R.T. -0.15 min
 Lab File: BP002975.D
 Acq: 13 Aug 2020 20:20

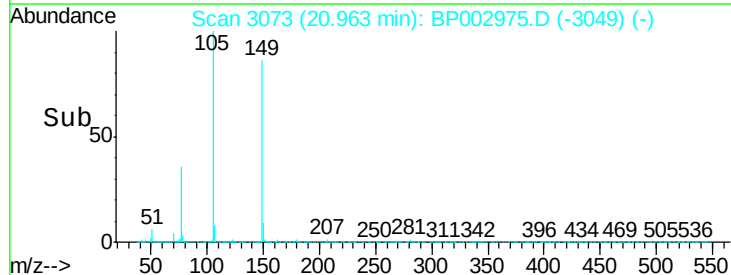
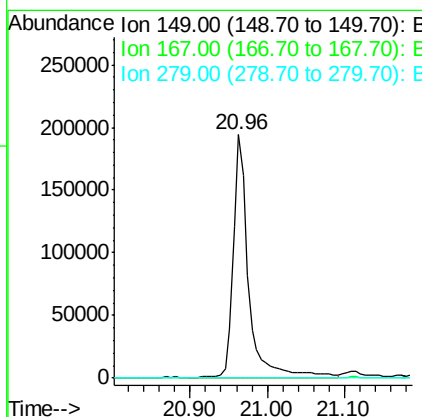
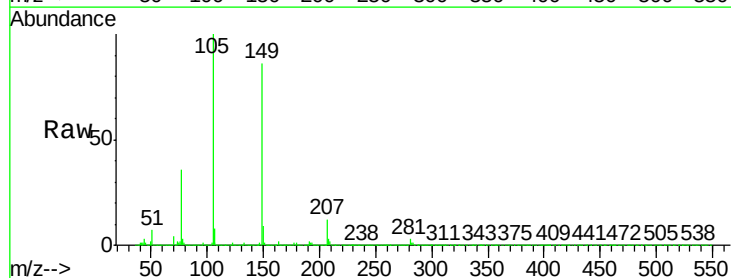
Instrument :
 BNA_P
 ClientSampleId :
 BS-STOCK-9

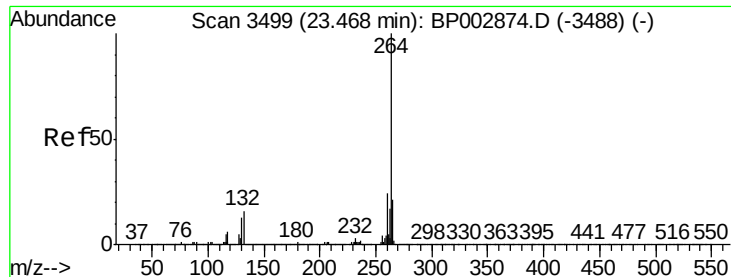
Tot Ion:149 Resp: 239
 Ion Ratio Lower Upper
 149 100
 91 66.7 46.5 69.7
 206 18.3 17.2 25.8



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.583 ng
 RT: 20.96 min Scan# 3073
 Delta R.T. -0.16 min
 Lab File: BP002975.D
 Acq: 13 Aug 2020 20:20

Tgt Ion:149 Resp: 267821
 Ion Ratio Lower Upper
 149 100
 167 0.1 23.0 34.6#
 279 0.1 3.8 5.6#



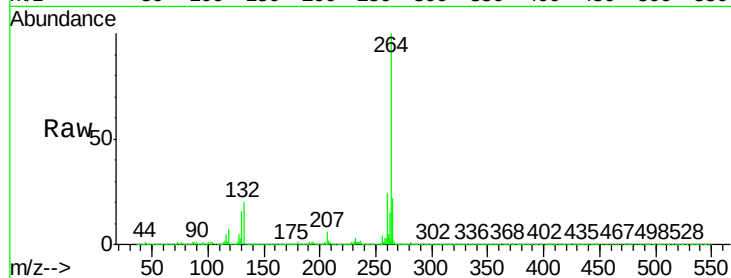


#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.42 min Scan# 3491
Delta R.T. -0.01 min
Lab File: BP002975.D
Acq: 13 Aug 2020 20:20

Instrument :
BNA_P
ClientSampleId :
BS-STOCK-9

Tot Ion:264 Resp: 1985657

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.7	28.1
265	21.6	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

