

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP080620\
 Data File : BP002918.D
 Acq On : 06 Aug 2020 14:07
 Operator : CG/JU
 Sample : L3548-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CRT-017

Quant Time: Aug 06 14:41:16 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP073020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 30 15:30:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	459628	20.00	ng	0.00
21) Naphthalene-d8	10.49	136	1766941	20.00	ng	0.00
39) Acenaphthene-d10	14.35	164	1121242	20.00	ng	-0.01
64) Phenanthrene-d10	17.10	188	2531550	20.00	ng	-0.01
76) Chrysene-d12	21.19	240	2868517	20.00	ng	0.00
86) Perylene-d12	23.45	264	3013140	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.32	112	3082166	102.63	ng	0.00
7) Phenol-d6	6.89	99	3489017	83.68	ng	0.00
23) Nitrobenzene-d5	8.86	82	2480639	76.04	ng	0.00
42) 2,4,6-Tribromophenol	15.84	330	1844992	132.39	ng	0.00
45) 2-Fluorobiphenyl	12.97	172	6043133	73.64	ng	-0.01
79) Terphenyl-d14	19.68	244	9786991	68.30	ng	0.00

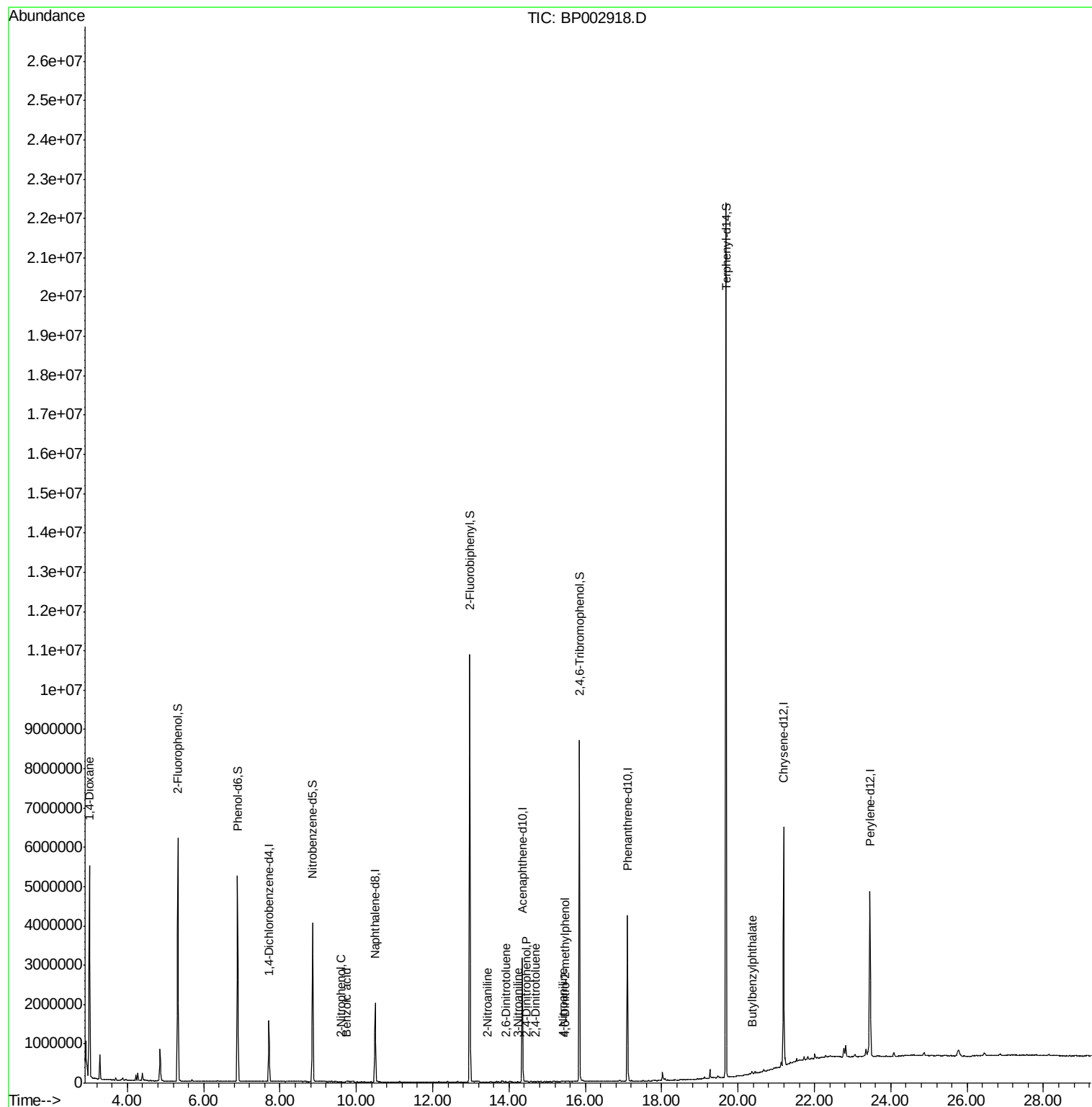
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.00	88	53841	4.177	ng	# 1
26) 2-Nitrophenol	9.61	139	104	4.527	ng	# 1
32) Benzoic acid	9.75	122	1901	7.783	ng	86
48) 2-Nitroaniline	13.43	65	283	3.986	ng	# 58
51) 2,6-Dinitrotoluene	13.92	165	446	2.921	ng	# 75
53) 3-Nitroaniline	14.25	138	325	3.288	ng	# 44
54) 2,4-Dinitrophenol	14.45	184	20	8.059	ng	# 1
57) 2,4-Dinitrotoluene	14.71	165	800	3.834	ng	# 77
62) 4-Nitroaniline	15.42	138	955	2.461	ng	93
65) 4,6-Dinitro-2-methylphenol	15.47	198	104	6.907	ng	# 1
80) Butylbenzylphthalate	20.36	149	23114	3.323	ng	96

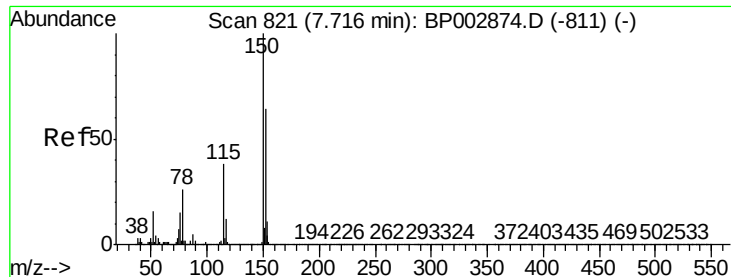
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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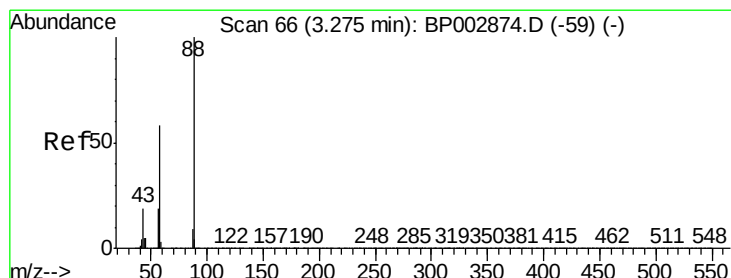
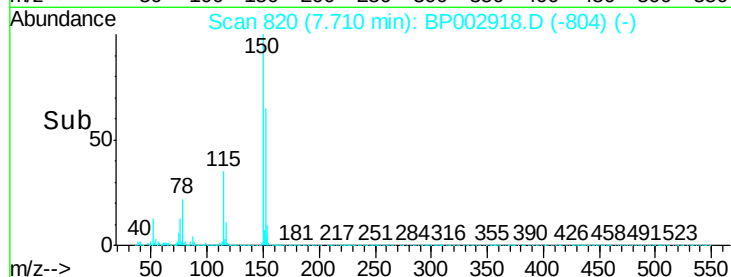
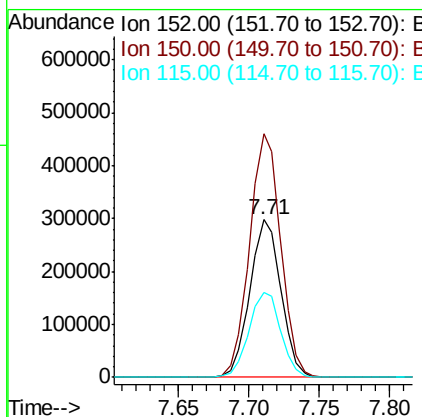
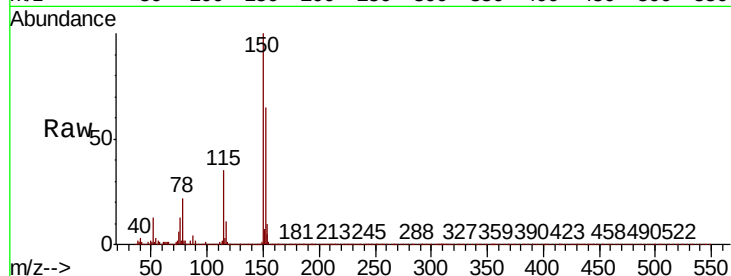


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.71 min Scan# 820
Delta R.T. -0.01 min
Lab File: BP002918.D
Acq: 06 Aug 2020 14:07

Instrument :
BNA_P
ClientSampleId :
CRT-017

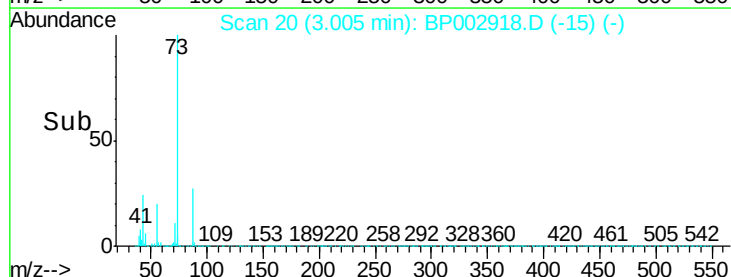
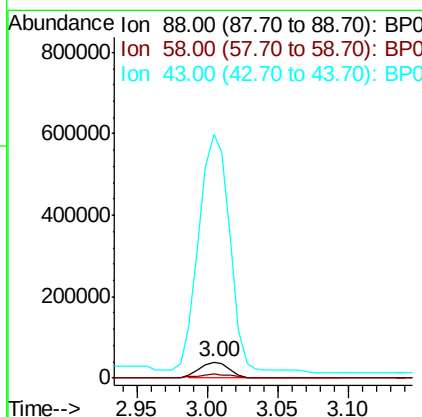
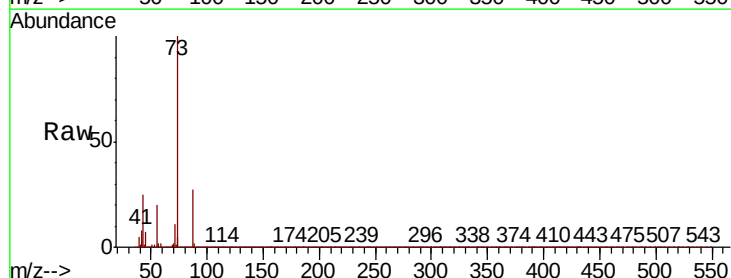
Tot Ion	Ratio	Lower	Upper
152	100		
150	154.5	124.8	187.2
115	54.2	47.4	71.2

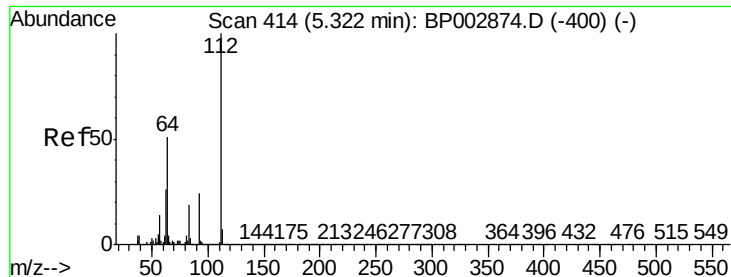


#2

1,4-Dioxane
Concen: 4.177 ng
RT: 3.00 min Scan# 20
Delta R.T. -0.27 min
Lab File: BP002918.D
Acq: 06 Aug 2020 14:07

Tgt Ion	Ratio	Lower	Upper
88	100		
58	22.7	47.4	71.0#
43	1538.9	15.2	22.8#





#5

2-Fluorophenol

Concen: 102.632 ng

RT: 5.32 min Scan# 414

Delta R.T. -0.00 min

Lab File: BP002918.D

Acq: 06 Aug 2020 14:07

Instrument :

BNA_P

ClientSampleId :

CRT-017

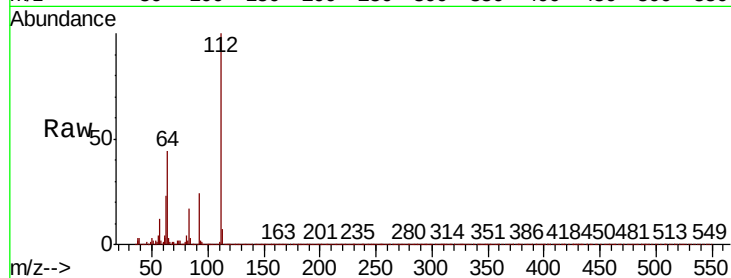
Tot Ion:112 Resp: 3082166

Ion Ratio Lower Upper

112 100

64 44.5 41.0 61.6

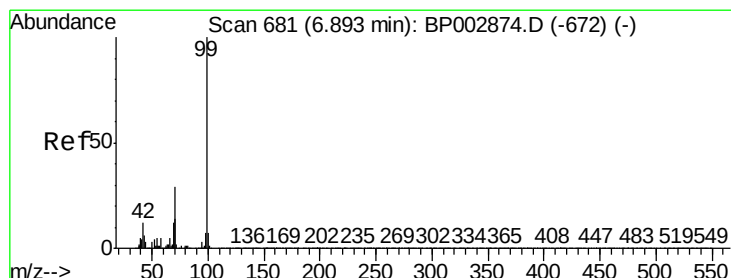
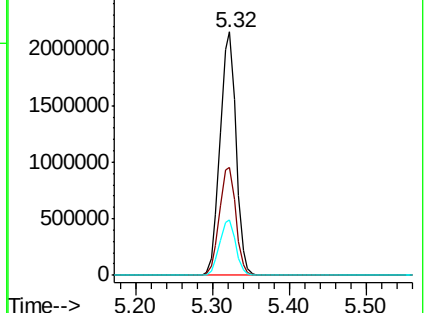
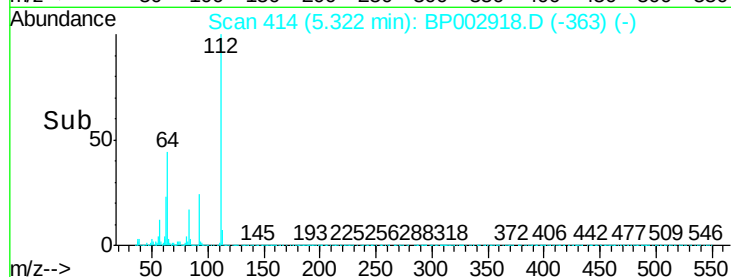
63 22.6 20.7 31.1



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0



#7

Phenol-d6

Concen: 83.680 ng

RT: 6.89 min Scan# 680

Delta R.T. -0.01 min

Lab File: BP002918.D

Acq: 06 Aug 2020 14:07

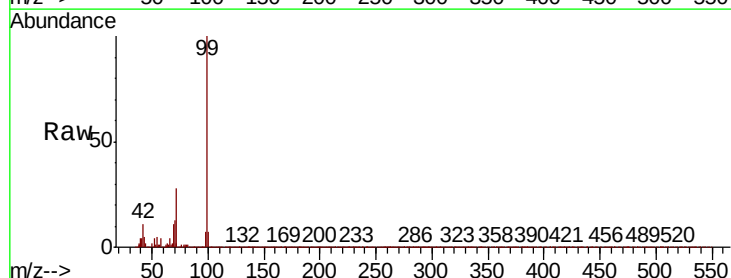
Tgt Ion: 99 Resp: 3489017

Ion Ratio Lower Upper

99 100

42 10.6 9.3 13.9

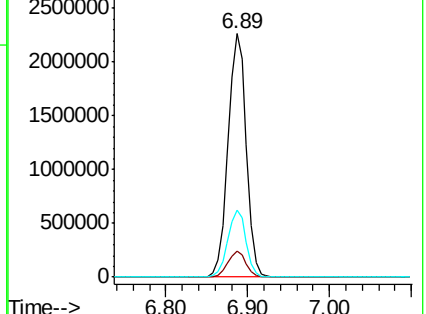
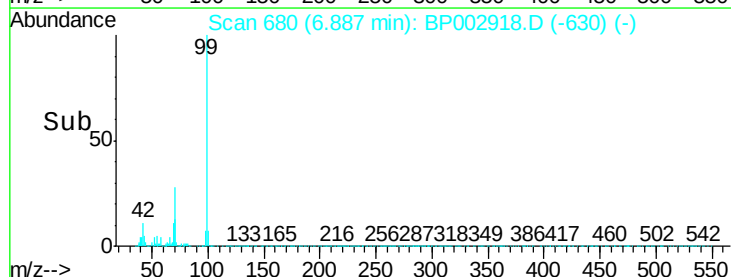
71 27.6 23.5 35.3

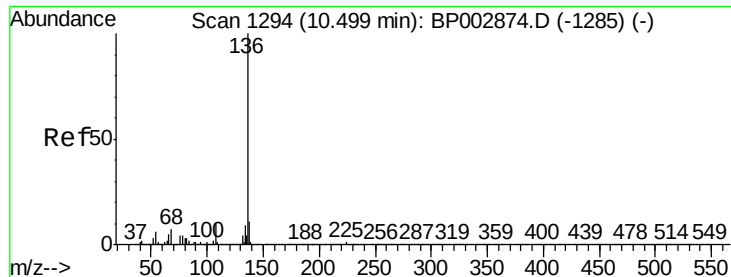


Abundance Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0

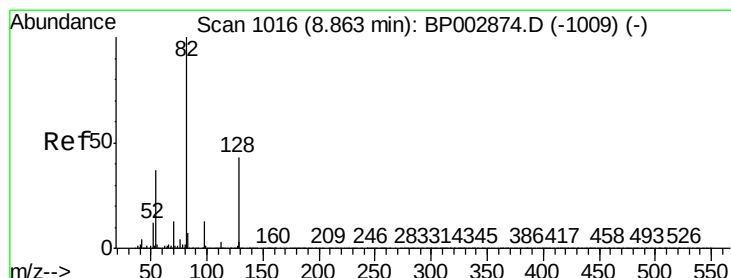
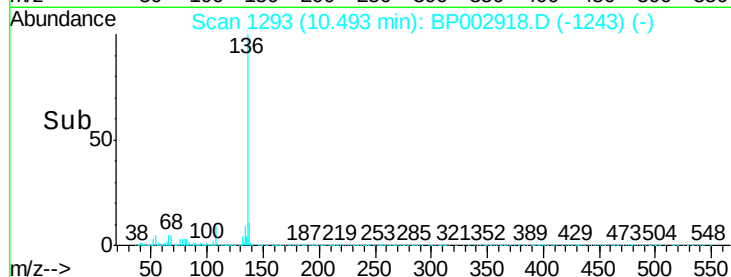
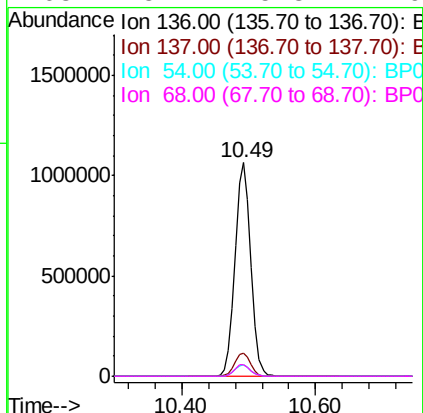
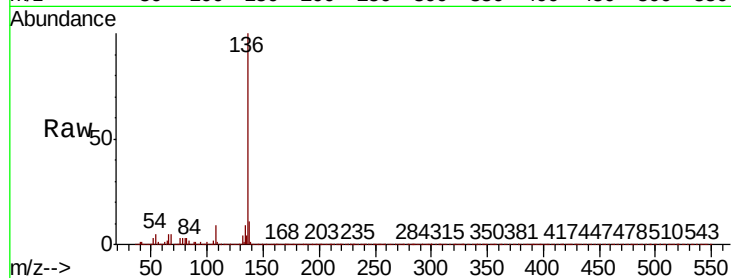




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.49 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BP002918.D
Acq: 06 Aug 2020 14:07

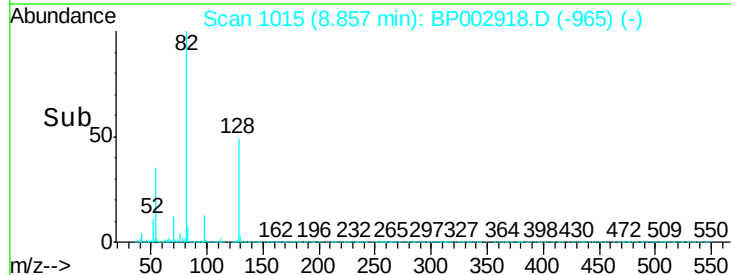
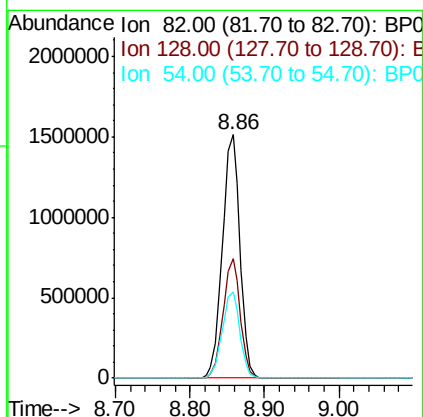
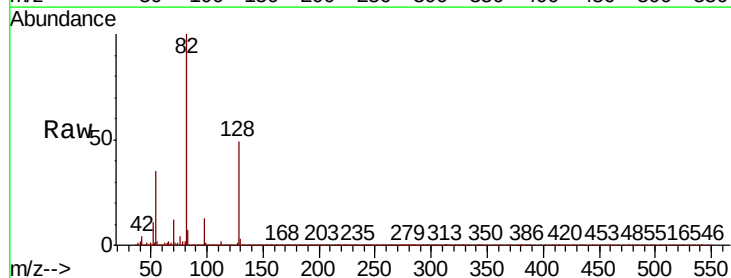
Instrument :
BNA_P
ClientSampleId :
CRT-017

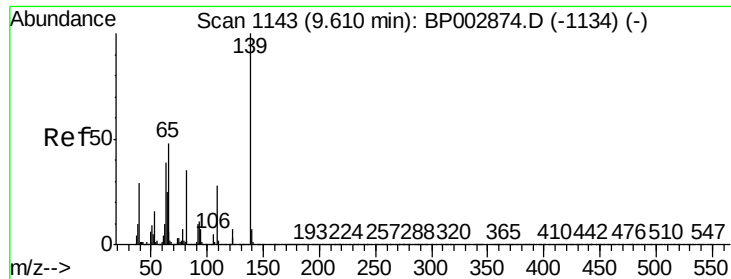
Tot Ion:136 Resp: 1766941
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 5.2 5.1 7.7
68 5.2 5.3 7.9#



#23
Nitrobenzene-d5
Concen: 76.040 ng
RT: 8.86 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BP002918.D
Acq: 06 Aug 2020 14:07

Tgt Ion: 82 Resp: 2480639
Ion Ratio Lower Upper
82 100
128 49.3 34.6 52.0
54 35.2 29.5 44.3





#26

2-Nitrophenol

Concen: 4.527 ng

RT: 9.61 min Scan# 1143

Delta R.T. 0.00 min

Lab File: BP002918.D

Acq: 06 Aug 2020 14:07

Instrument :

BNA_P

ClientSampleId :

CRT-017

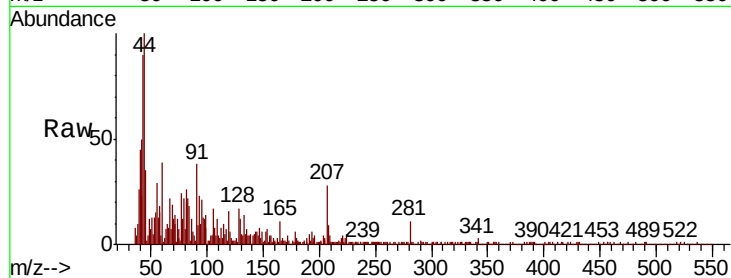
Tot Ion:139 Resp: 104

Ion Ratio Lower Upper

139 100

109 233.3 22.2 33.2#

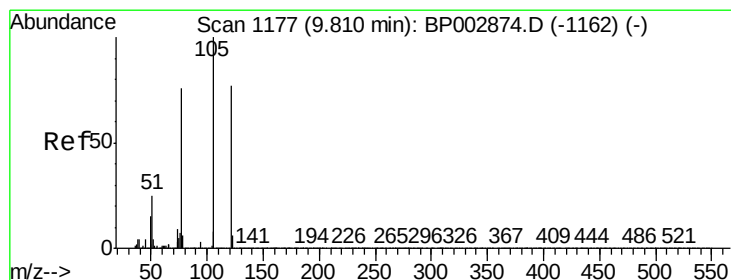
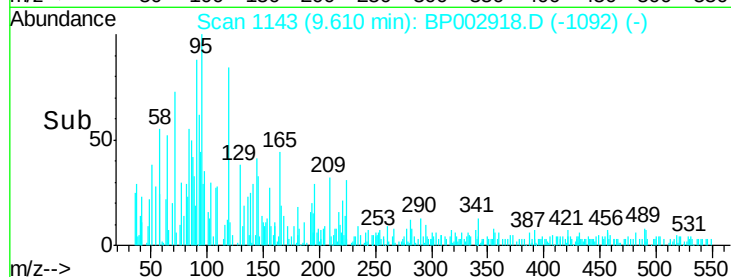
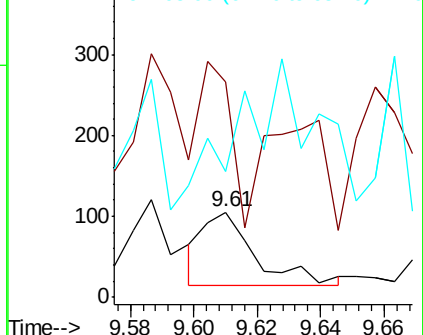
65 136.0 38.9 58.3#



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: 7.783 ng

RT: 9.75 min Scan# 1166

Delta R.T. -0.06 min

Lab File: BP002918.D

Acq: 06 Aug 2020 14:07

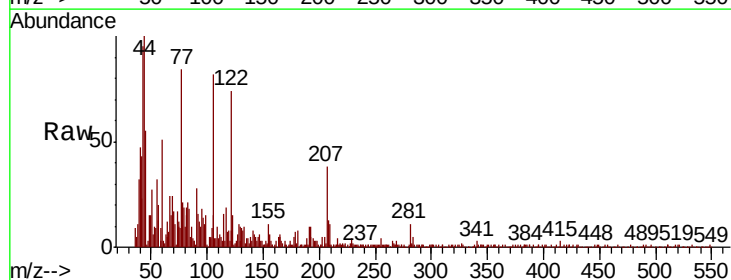
Tgt Ion:122 Resp: 1901

Ion Ratio Lower Upper

122 100

105 110.6 103.4 143.4

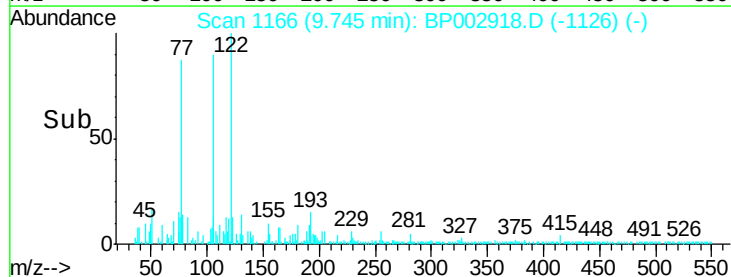
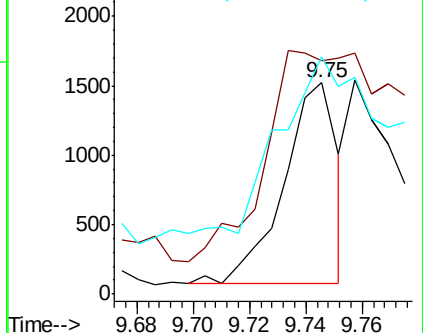
77 112.4 74.6 114.6

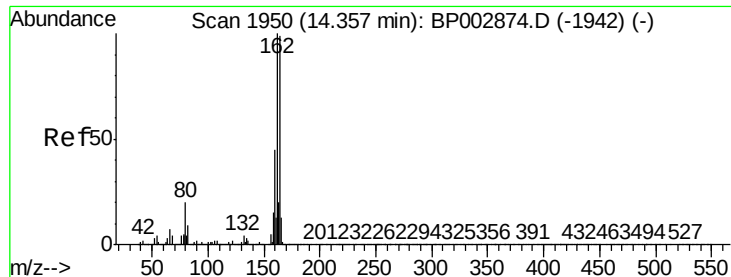


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BP0

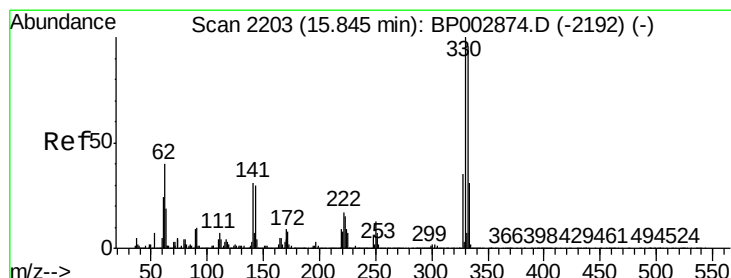
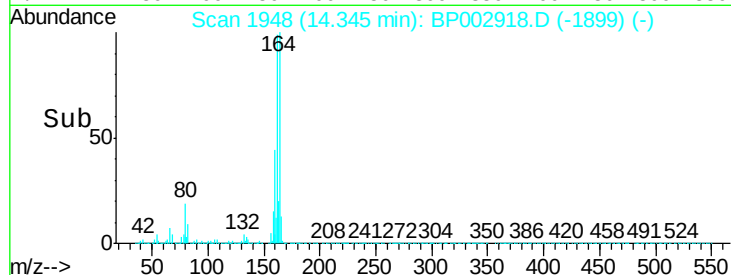
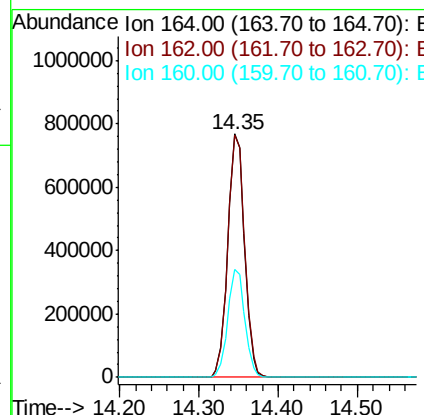
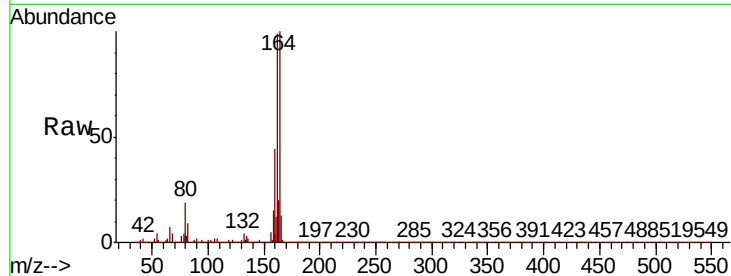




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.35 min Scan# 1948
Delta R.T. -0.01 min
Lab File: BP002918.D
Acq: 06 Aug 2020 14:07

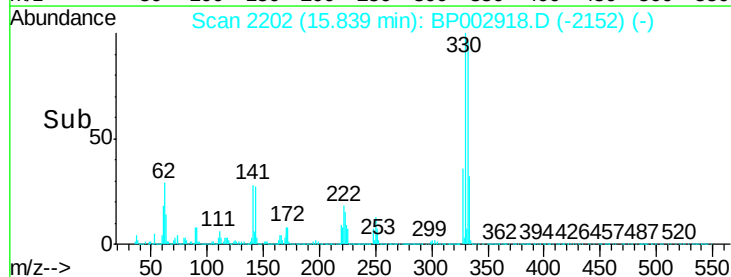
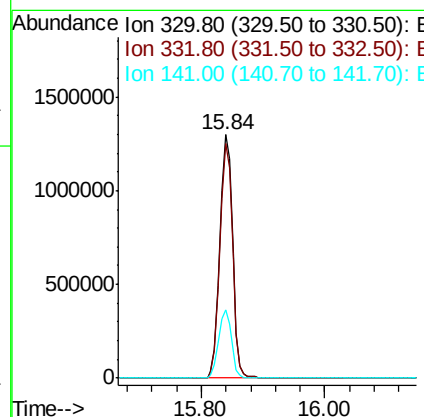
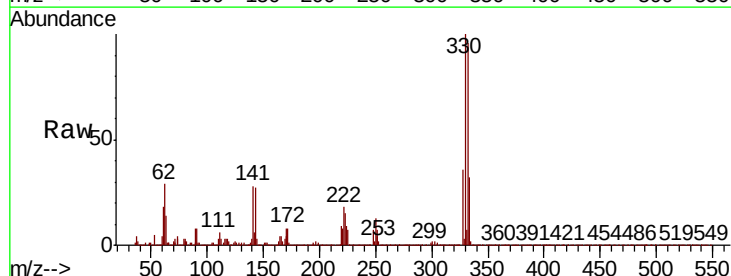
Instrument :
BNA_P
ClientSampled :
CRT-017

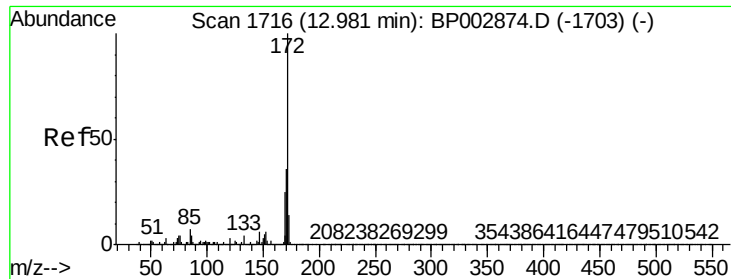
Tot Ion:164 Resp: 1121242
Ion Ratio Lower Upper
164 100
162 99.3 81.0 121.6
160 44.3 36.2 54.4



#42
2,4,6-Tribromophenol
Concen: 132.393 ng
RT: 15.84 min Scan# 2202
Delta R.T. -0.01 min
Lab File: BP002918.D
Acq: 06 Aug 2020 14:07

Tgt Ion:330 Resp: 1844992
Ion Ratio Lower Upper
330 100
332 95.9 77.1 115.7
141 28.2 24.6 37.0

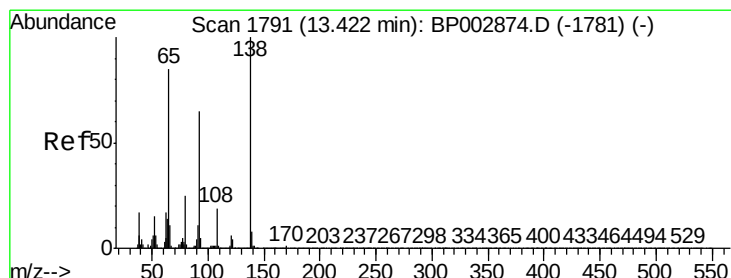
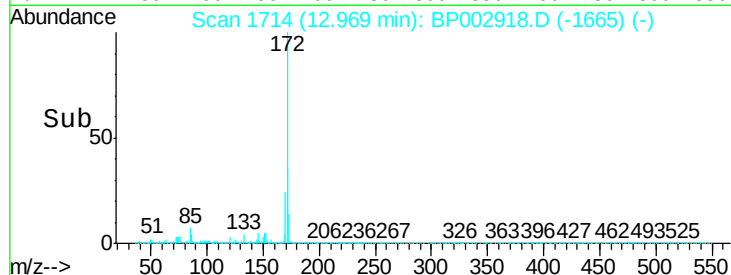
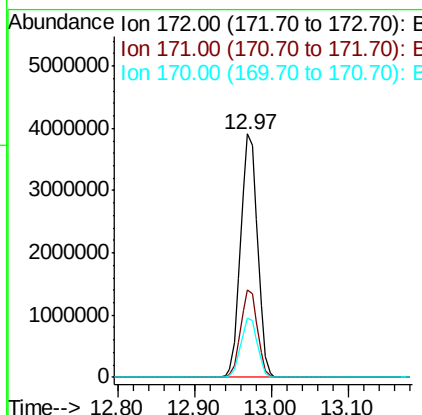
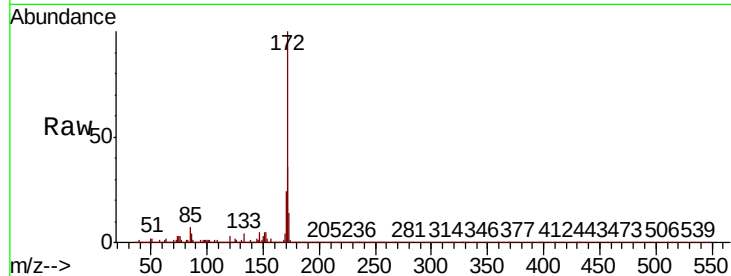




#45
2-Fluorobiphenyl
Concen: 73.639 ng
RT: 12.97 min Scan# 1714
Delta R.T. -0.01 min
Lab File: BP002918.D
Acq: 06 Aug 2020 14:07

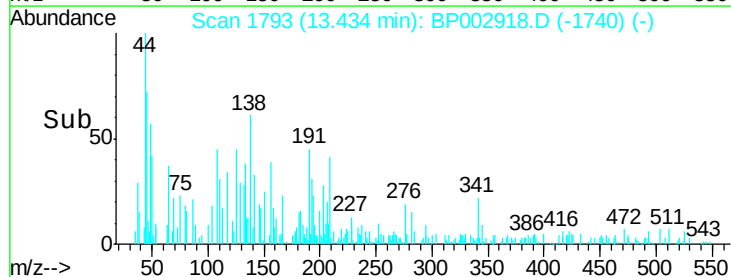
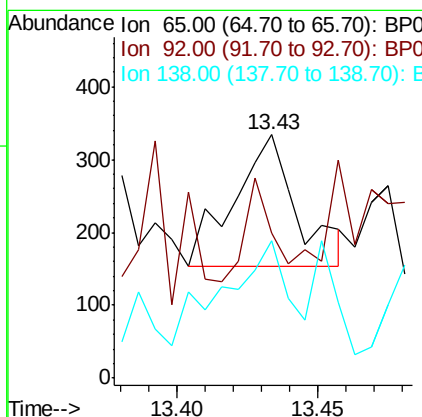
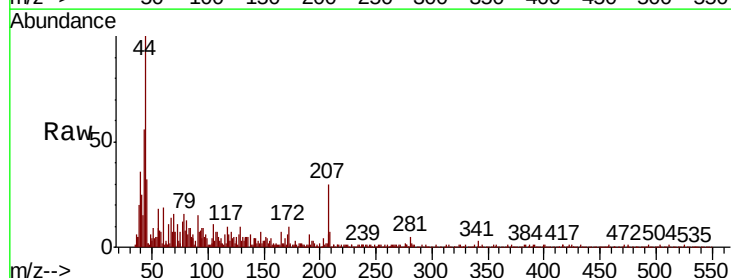
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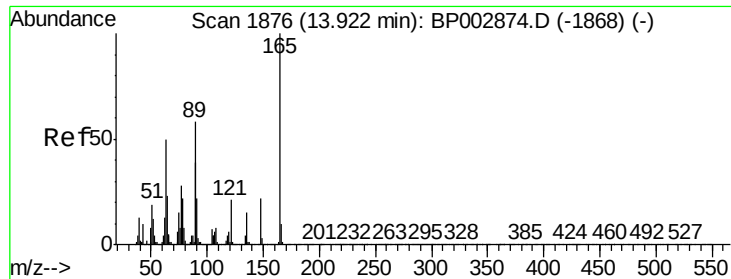
Tot Ion:172 Resp: 6043133
Ion Ratio Lower Upper
172 100
171 36.0 29.1 43.7
170 24.1 19.6 29.4



#48
2-Nitroaniline
Concen: 3.986 ng
RT: 13.43 min Scan# 1793
Delta R.T. 0.01 min
Lab File: BP002918.D
Acq: 06 Aug 2020 14:07

Tgt Ion: 65 Resp: 283
Ion Ratio Lower Upper
65 100
92 59.6 61.4 92.0#
138 56.6 94.2 141.4#





#51

2,6-Dinitrotoluene

Concen: 2.921 ng

RT: 13.92 min Scan# 1875

Delta R.T. -0.01 min

Lab File: BP002918.D

Acq: 06 Aug 2020 14:07

Instrument :

BNA_P

ClientSampleId :

CRT-017

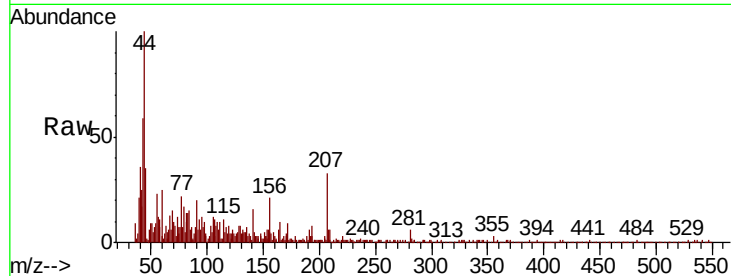
Tot Ion:165 Resp: 446

Ion Ratio Lower Upper

165 100

63 81.3 40.3 60.5#

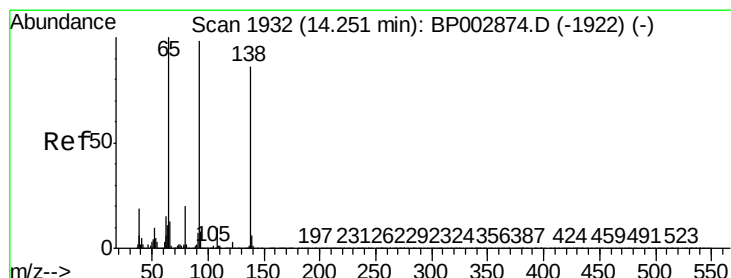
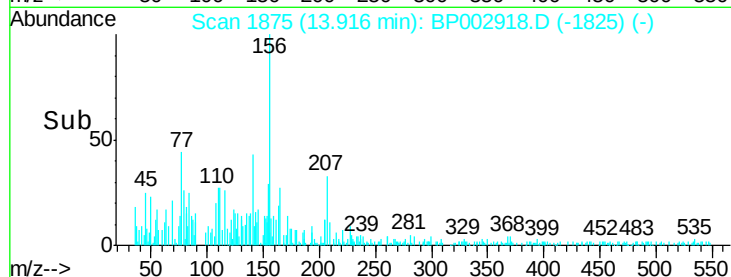
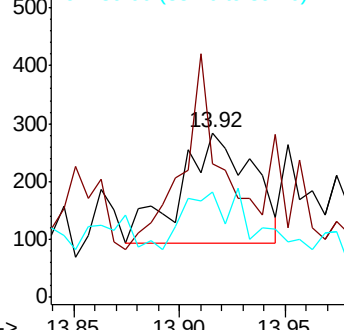
89 64.1 46.5 69.7



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: 3.288 ng

RT: 14.25 min Scan# 1932

Delta R.T. 0.00 min

Lab File: BP002918.D

Acq: 06 Aug 2020 14:07

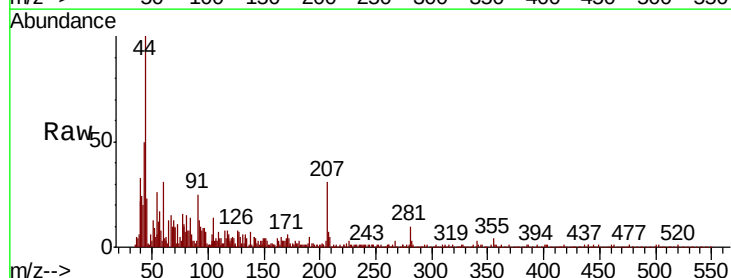
Tgt Ion:138 Resp: 325

Ion Ratio Lower Upper

138 100

108 34.1 9.4 14.0#

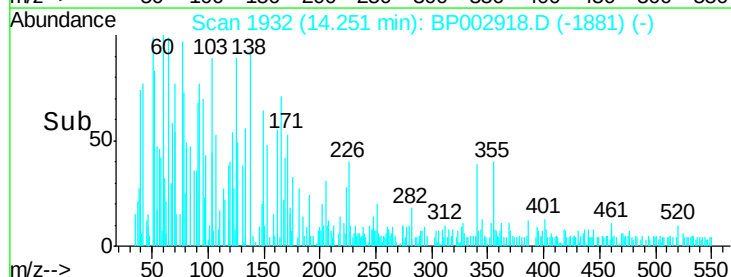
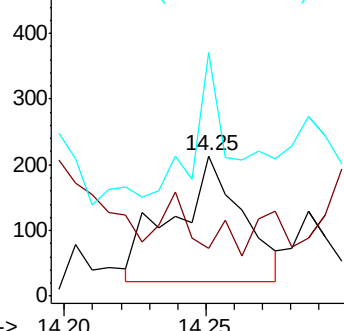
92 173.4 91.0 136.6#

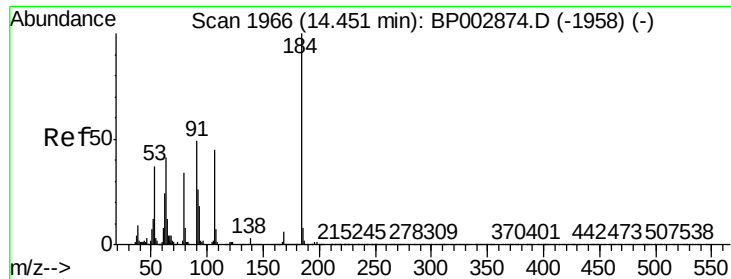


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BP0

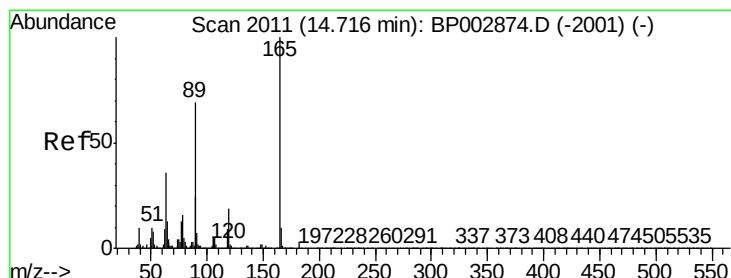
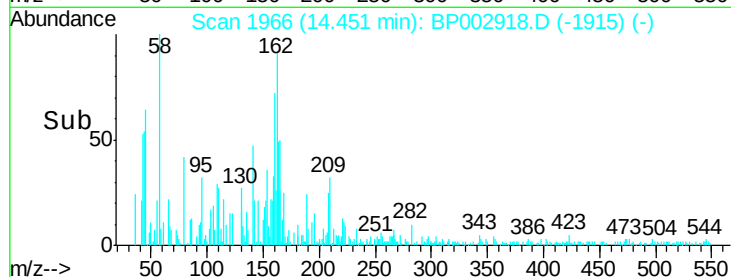
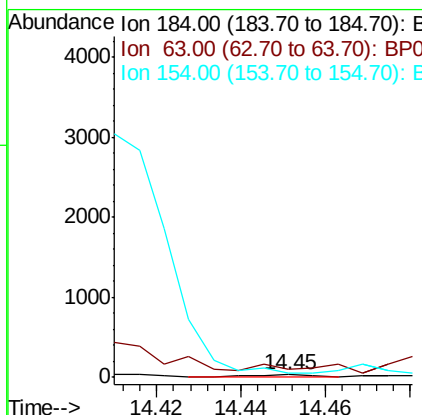
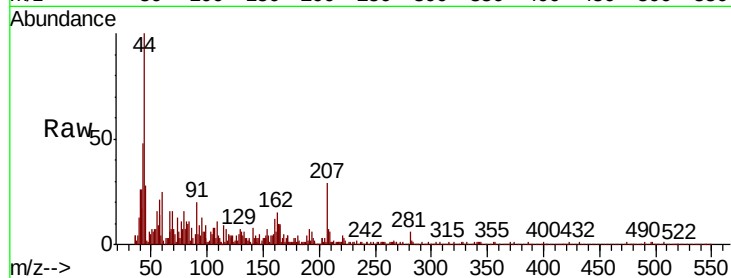




#54
2,4-Dinitrophenol
Concen: 8.059 ng
RT: 14.45 min Scan# 1966
Delta R.T. 0.00 min
Lab File: BP002918.D
Acq: 06 Aug 2020 14:07

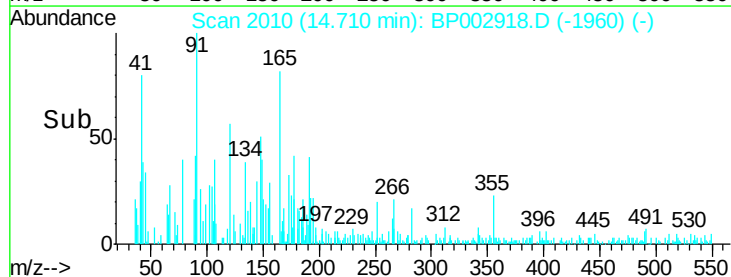
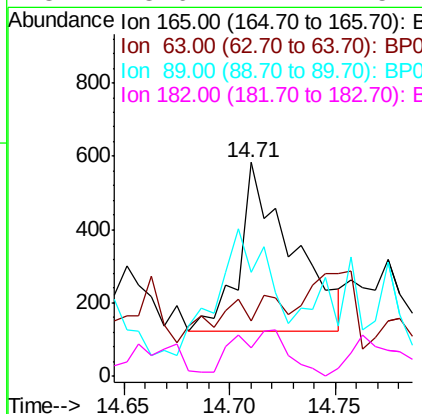
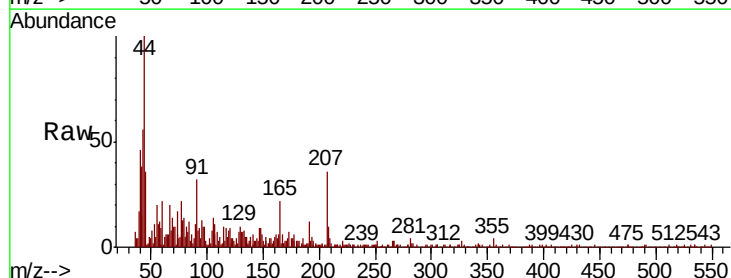
Instrument :
BNA_P
ClientSampleId :
CRT-017

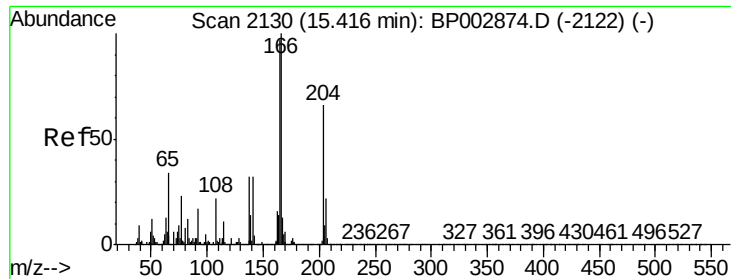
Tot Ion:184 Resp: 20
Ion Ratio Lower Upper
184 100
63 231.7 50.3 75.5#
154 124.4 50.6 76.0#



#57
2,4-Dinitrotoluene
Concen: 3.834 ng
RT: 14.71 min Scan# 2010
Delta R.T. -0.01 min
Lab File: BP002918.D
Acq: 06 Aug 2020 14:07

Tgt Ion:165 Resp: 800
Ion Ratio Lower Upper
165 100
63 25.9 29.0 43.4#
89 48.9 55.5 83.3#
182 13.6 2.2 3.4#

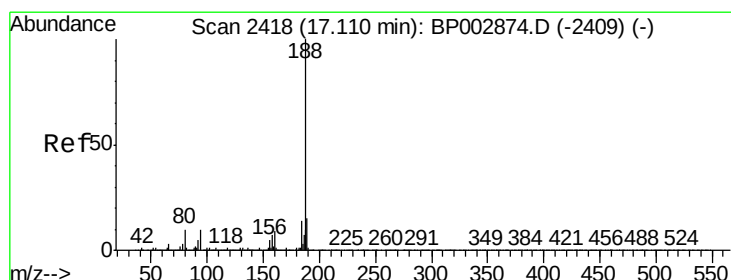
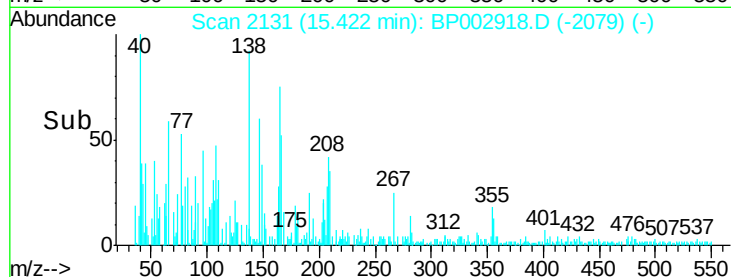
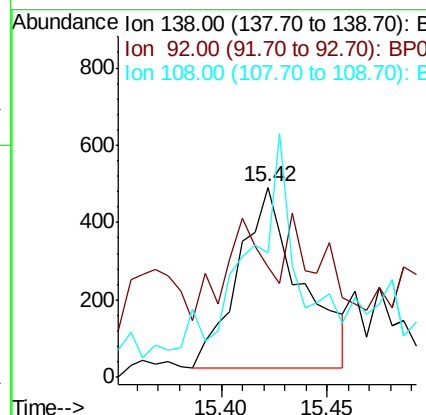
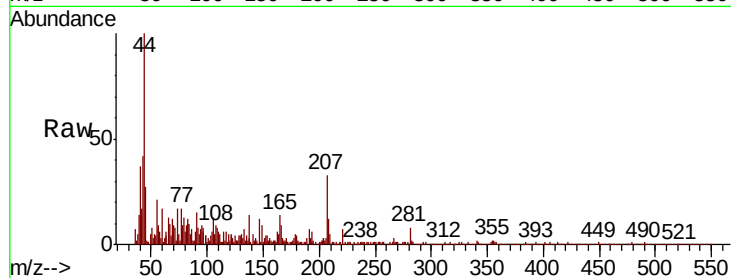




#62
4-Nitroaniline
Concen: 2.461 ng
RT: 15.42 min Scan# 2131
Delta R.T. 0.01 min
Lab File: BP002918.D
Acq: 06 Aug 2020 14:07

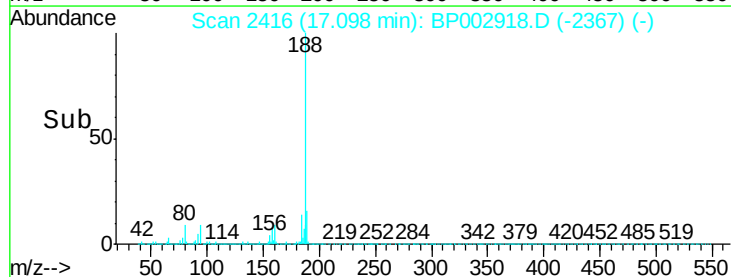
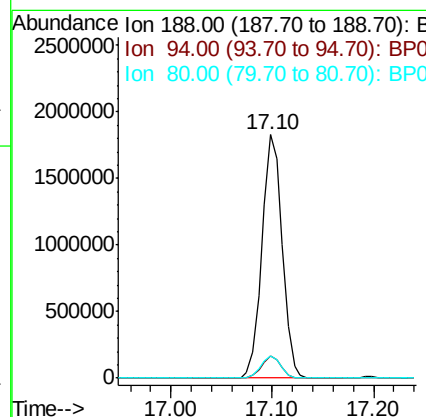
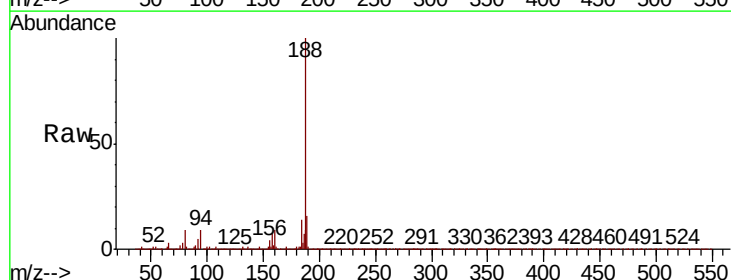
Instrument :
BNA_P
ClientSampled :
CRT-017

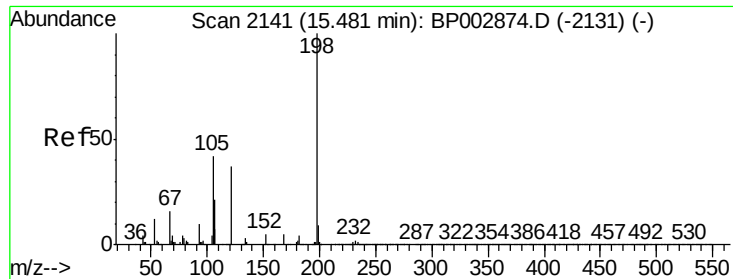
Tot Ion:138 Resp: 955
Ion Ratio Lower Upper
138 100
92 57.9 32.2 72.2
108 65.2 50.0 90.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.10 min Scan# 2416
Delta R.T. -0.01 min
Lab File: BP002918.D
Acq: 06 Aug 2020 14:07

Tgt Ion:188 Resp: 2531550
Ion Ratio Lower Upper
188 100
94 9.1 7.8 11.6
80 9.1 8.0 12.0

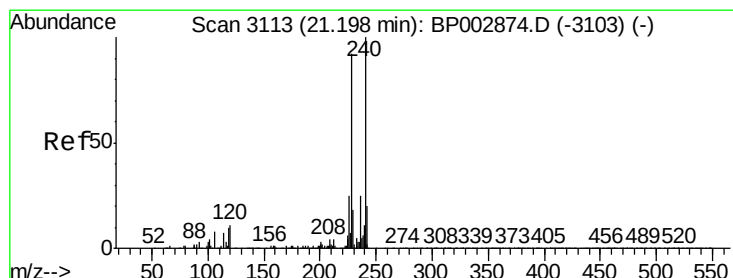
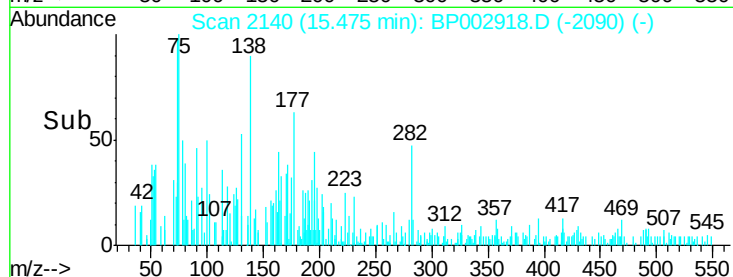
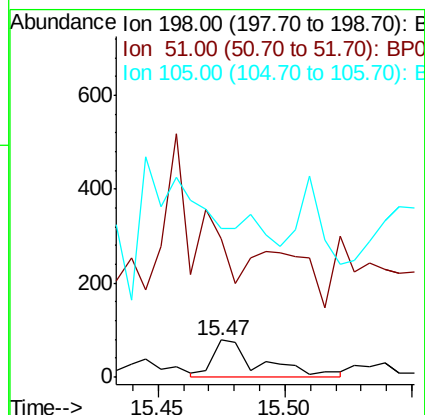
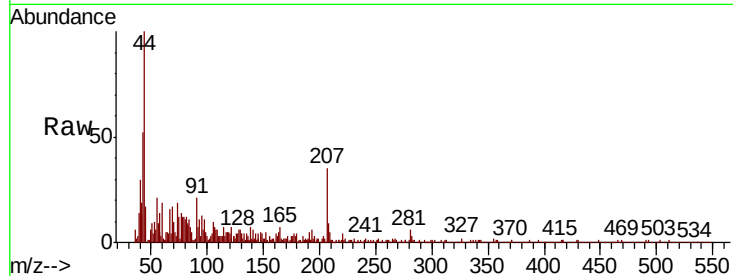




#65
 4,6-Dinitro-2-methylphenol
 Concen: 6.907 ng
 RT: 15.47 min Scan# 2140
 Delta R.T. -0.01 min
 Lab File: BP002918.D
 Acq: 06 Aug 2020 14:07

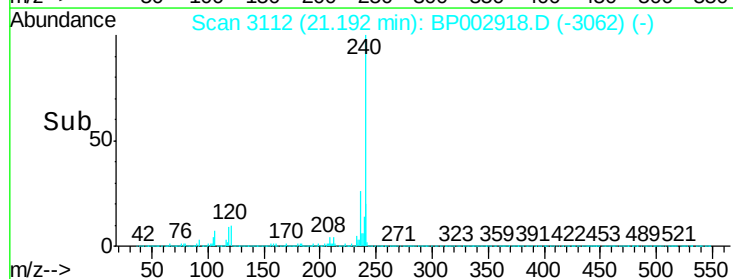
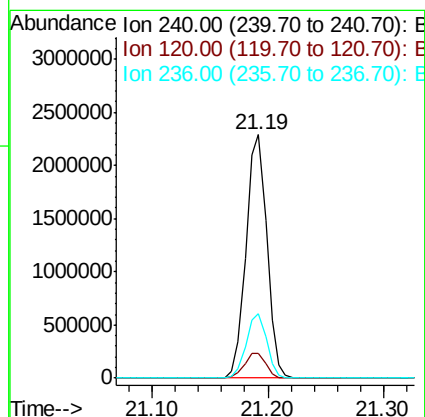
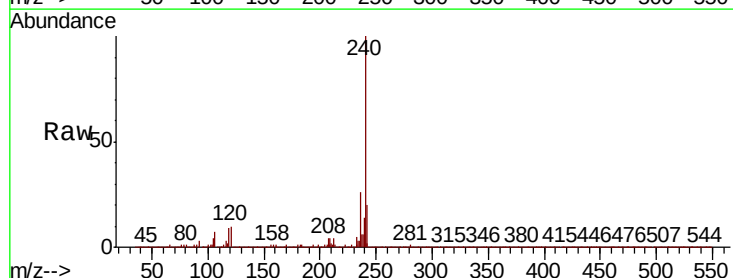
Instrument :
 BNA_P
 ClientSampled :
 CRT-017

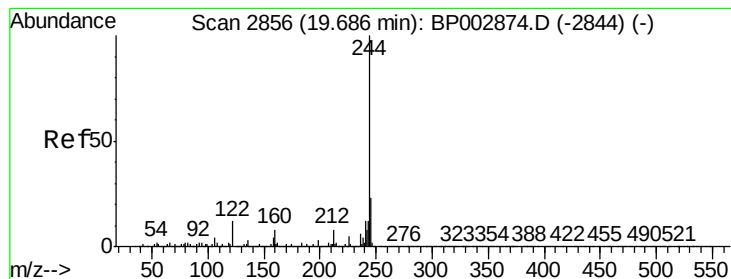
Tot Ion:198 Resp: 104
 Ion Ratio Lower Upper
 198 100
 51 373.4 11.6 51.6#
 105 400.0 23.8 63.8#



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.19 min Scan# 3112
 Delta R.T. -0.01 min
 Lab File: BP002918.D
 Acq: 06 Aug 2020 14:07

Tgt Ion:240 Resp: 2868517
 Ion Ratio Lower Upper
 240 100
 120 9.9 8.9 13.3
 236 26.3 20.3 30.5





#79

Terphenyl-d14

Concen: 68.304 ng

RT: 19.68 min Scan# 2856

Delta R.T. -0.01 min

Lab File: BP002918.D

Acq: 06 Aug 2020 14:07

Instrument :

BNA_P

ClientSampleId :

CRT-017

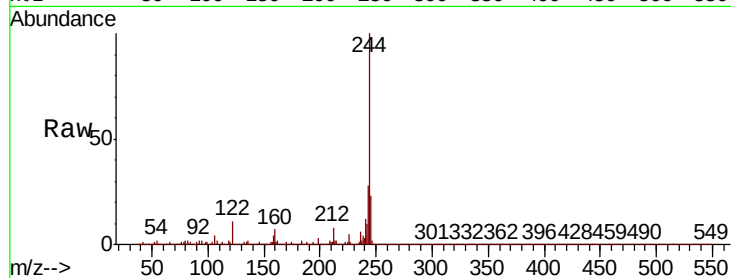
Tot Ion:244 Resp: 9786991

Ion Ratio Lower Upper

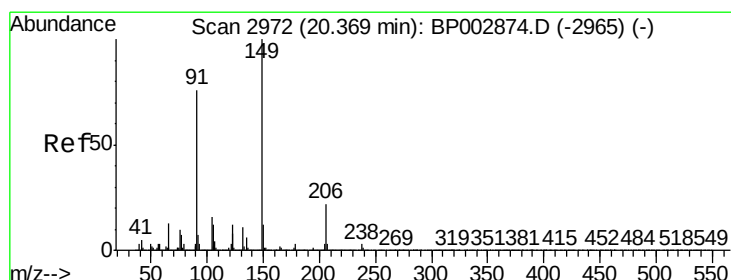
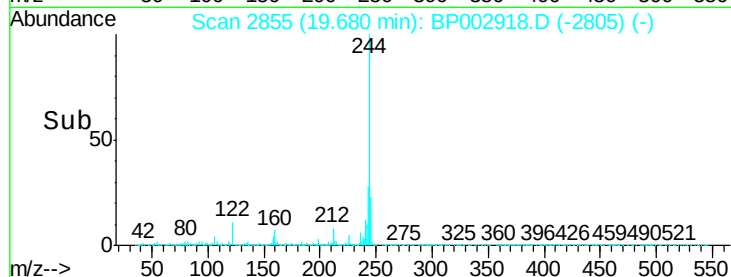
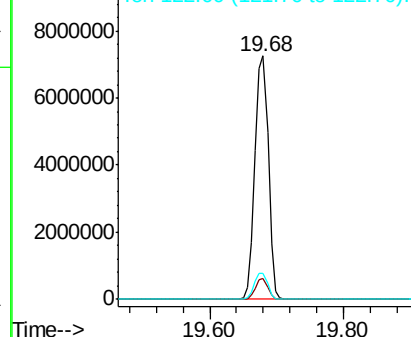
244 100

212 8.3 6.4 9.6

122 10.6 9.4 14.2



Abundance Ion 244.00 (243.70 to 244.70): E
1e+07 Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 3.323 ng

RT: 20.36 min Scan# 2970

Delta R.T. -0.01 min

Lab File: BP002918.D

Acq: 06 Aug 2020 14:07

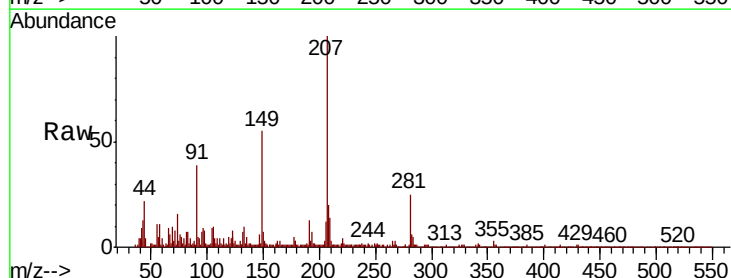
Tgt Ion:149 Resp: 23114

Ion Ratio Lower Upper

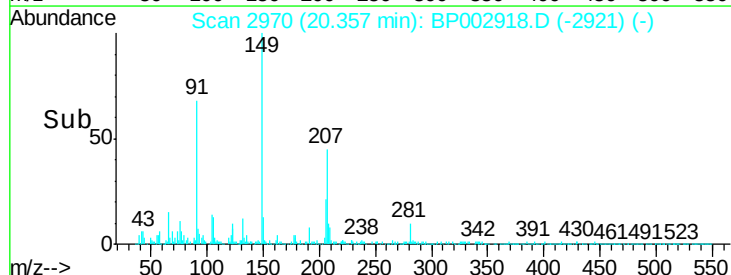
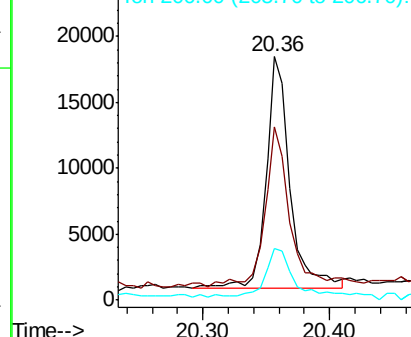
149 100

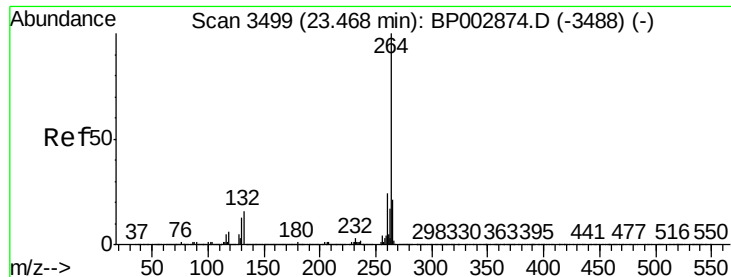
91 71.3 60.5 90.7

206 21.2 17.5 26.3



Abundance Ion 149.00 (148.70 to 149.70): E
25000 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: 23.45 min Scan# 3496
Delta R.T. -0.02 min
Lab File: BP002918.D
Acq: 06 Aug 2020 14:07

Instrument :
BNA_P
ClientSampleId :
CRT-017

Tot Ion:264 Resp: 3013140

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.0	28.6
265	22.1	17.0	25.4

