

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP081820\
 Data File : BP003020.D
 Acq On : 18 Aug 2020 16:49
 Operator : CG/JU
 Sample : L3500-08
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CL-02-081420

Quant Time: Aug 18 18:41:45 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP073020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 17 14:07:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	286197	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	1008107	20.00	ng	0.00
39) Acenaphthene-d10	14.32	164	688296	20.00	ng	0.00
64) Phenanthrene-d10	17.07	188	1279387	20.00	ng	0.00
76) Chrysene-d12	21.17	240	1645860	20.00	ng	0.00
86) Perylene-d12	23.41	264	1426912	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	1661211	88.84	ng	0.00
7) Phenol-d6	6.86	99	1802838	69.44	ng	0.00
23) Nitrobenzene-d5	8.83	82	1275266	68.52	ng	0.00
42) 2,4,6-Tribromophenol	15.82	330	848634	99.20	ng	0.00
45) 2-Fluorobiphenyl	12.95	172	3497219	69.42	ng	0.00
79) Terphenyl-d14	19.65	244	5058992	61.54	ng	0.00
Target Compounds						
26) 2-Nitrophenol	9.59	139	70	4.528	ng	# 1
32) Benzoic acid	9.76	122	5903	8.215	ng	# 96
48) 2-Nitroaniline	13.38	65	50	3.976	ng	# 16
50) Dimethylphthalate	13.78	163	442724	8.224	ng	# 100
51) 2,6-Dinitrotoluene	13.87	165	629	2.948	ng	# 70
53) 3-Nitroaniline	14.22	138	23	3.275	ng	# 1
54) 2,4-Dinitrophenol	14.43	184	14	8.060	ng	# 1
57) 2,4-Dinitrotoluene	14.68	165	203	3.817	ng	# 59
62) 4-Nitroaniline	15.40	138	42	2.419	ng	# 1
65) 4,6-Dinitro-2-methylphenol	15.44	198	57	6.908	ng	# 1
80) Butylbenzylphthalate	20.33	149	4966	3.157	ng	# 92

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

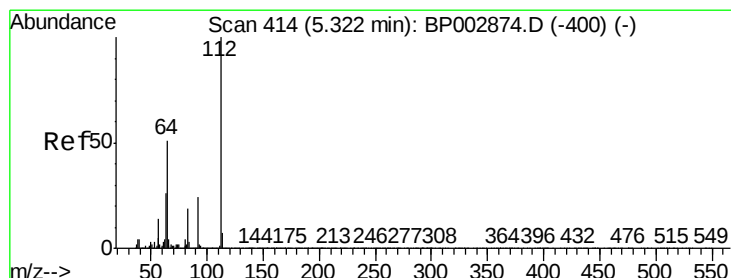
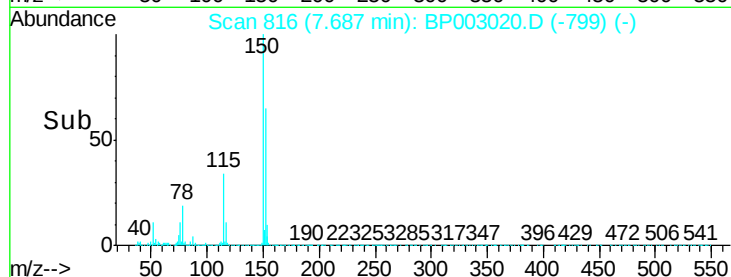
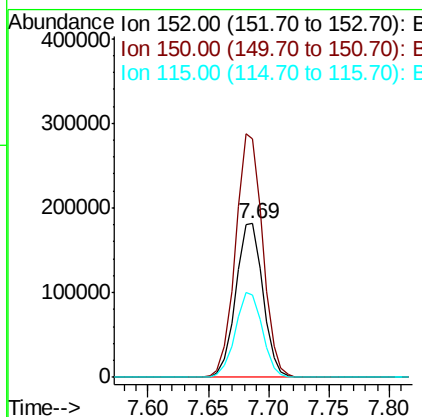
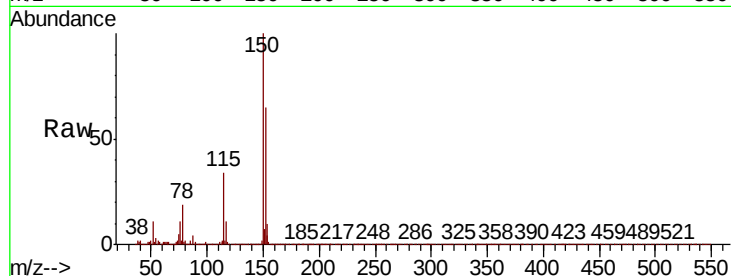


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.69 min Scan# 816
Delta R.T. -0.00 min
Lab File: BP003020.D
Acq: 18 Aug 2020 16:49

Instrument :
BNA_P
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CL-02-081420

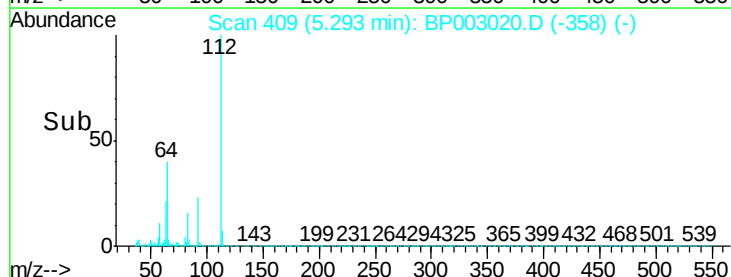
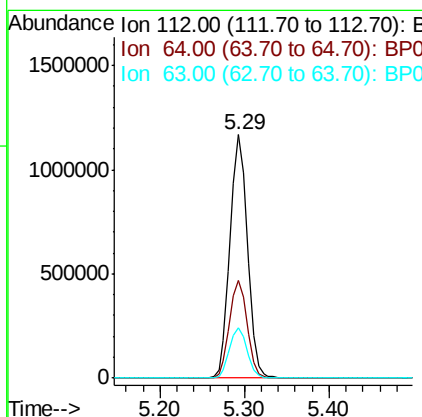
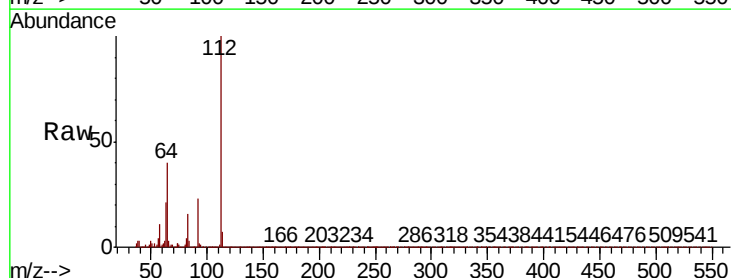
Tot Ion	Ratio	Lower	Upper
152	100		
150	154.9	126.1	189.1
115	53.2	43.4	65.2



#5

2-Fluorophenol
Concen: 88.837 ng
RT: 5.29 min Scan# 409
Delta R.T. -0.00 min
Lab File: BP003020.D
Acq: 18 Aug 2020 16:49

Tgt Ion	Ratio	Lower	Upper
112	100		
64	40.2	33.4	50.2
63	20.6	17.4	26.0





#7

Phenol-d6

Concen: 69.441 ng

RT: 6.86 min Scan# 676

Delta R.T. -0.01 min

Lab File: BP003020.D

Acq: 18 Aug 2020 16:49

Instrument :

BNA_P

ClientSampleId :

CL-02-081420

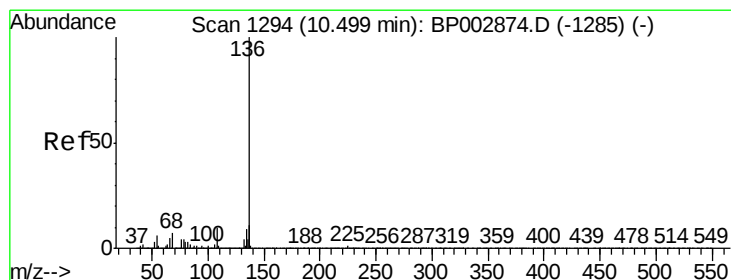
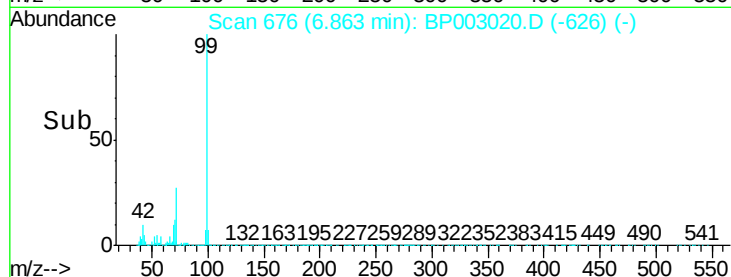
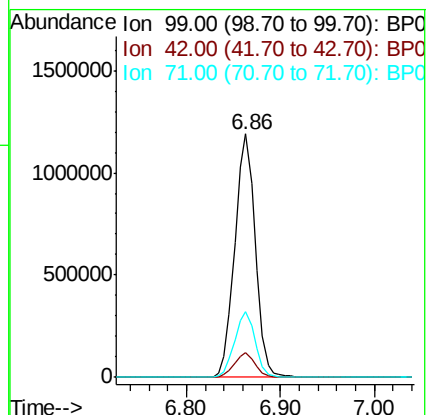
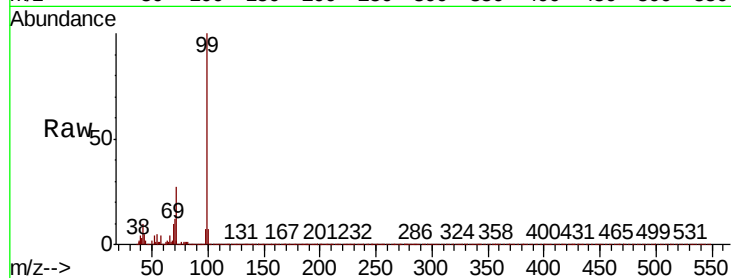
Tot Ion: 99 Resp: 1802838

Ion Ratio Lower Upper

99 100

42 10.0 8.0 12.0

71 27.2 21.3 31.9



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.46 min Scan# 1288

Delta R.T. -0.01 min

Lab File: BP003020.D

Acq: 18 Aug 2020 16:49

Tgt Ion: 136 Resp: 1008107

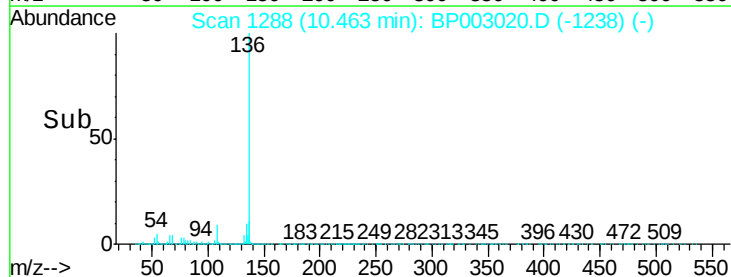
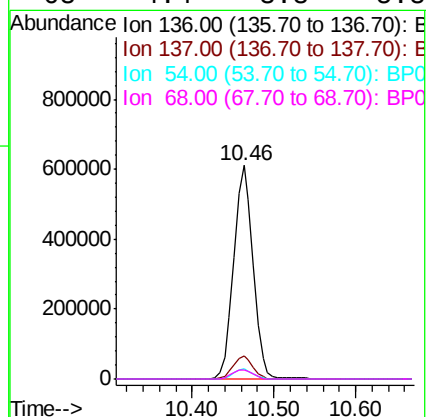
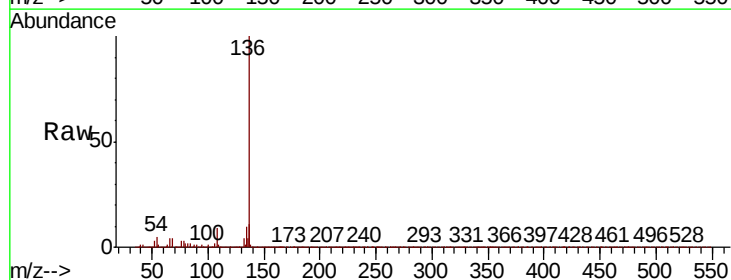
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 4.6 3.8 5.8

68 4.4 3.8 5.8

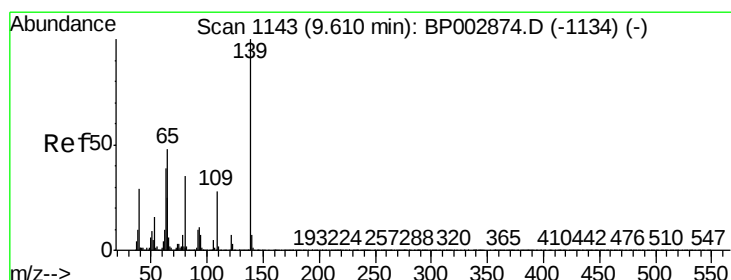
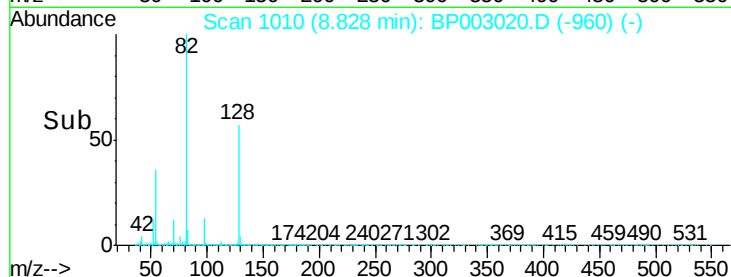
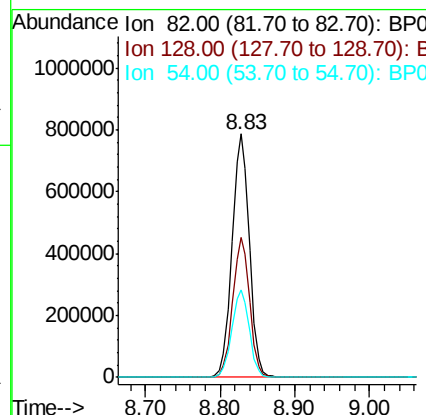
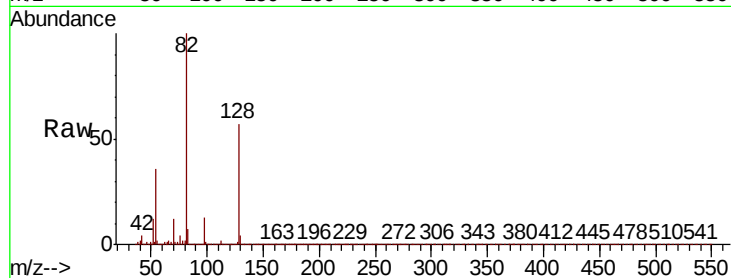




#23
Nitrobenzene-d5
Concen: 68.516 ng
RT: 8.83 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BP003020.D
Acq: 18 Aug 2020 16:49

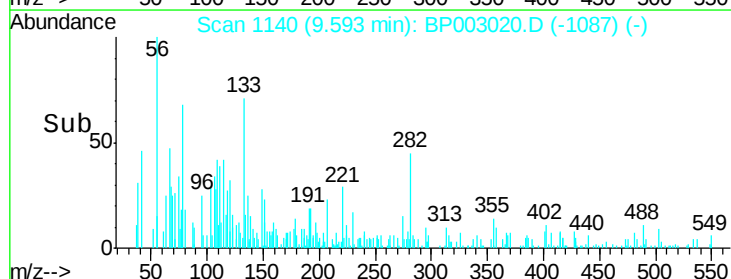
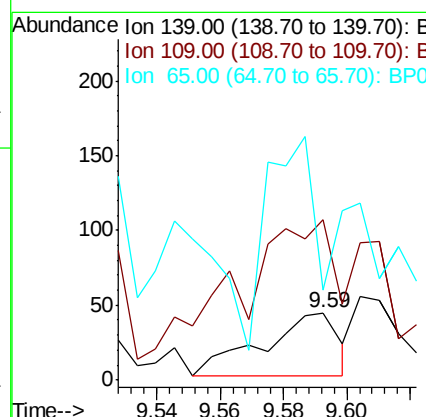
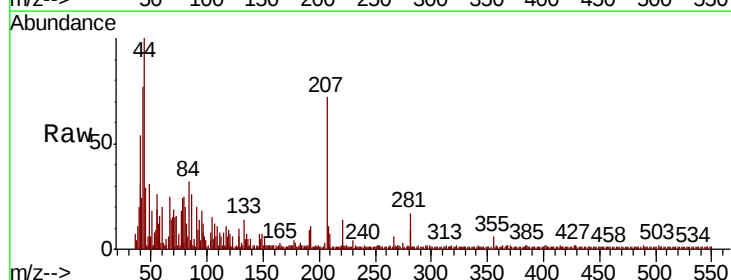
Instrument :
BNA_P
ClientSampleId :
CL-02-081420

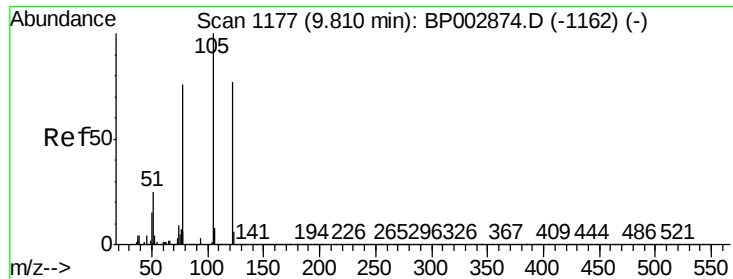
Tot Ion: 82 Resp: 1275266
Ion Ratio Lower Upper
82 100
128 57.5 45.1 67.7
54 36.1 28.8 43.2



#26
2-Nitrophenol
Concen: 4.528 ng
RT: 9.59 min Scan# 1140
Delta R.T. 0.01 min
Lab File: BP003020.D
Acq: 18 Aug 2020 16:49

Tgt Ion: 139 Resp: 70
Ion Ratio Lower Upper
139 100
109 237.8 21.0 31.6#
65 133.3 27.2 40.8#

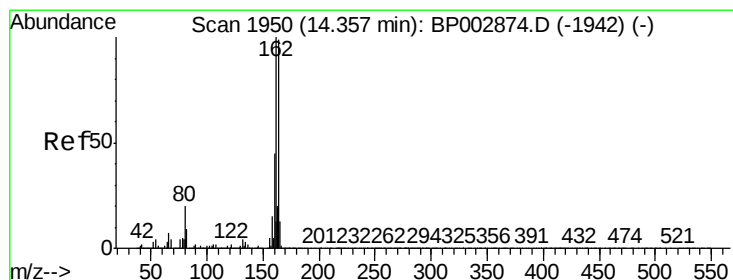
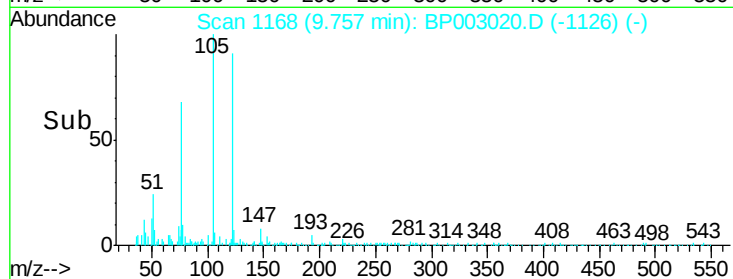
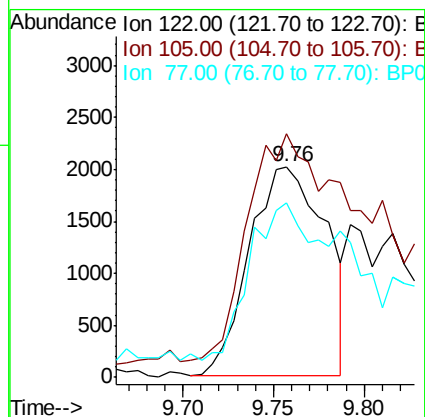
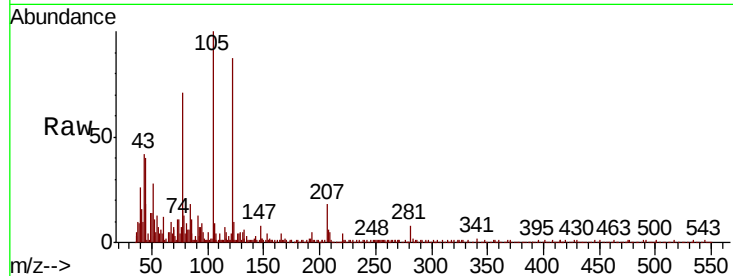




#32
Benzoic acid
Concen: 8.215 ng
RT: 9.76 min Scan# 1168
Delta R.T. -0.05 min
Lab File: BP003020.D
Acq: 18 Aug 2020 16:49

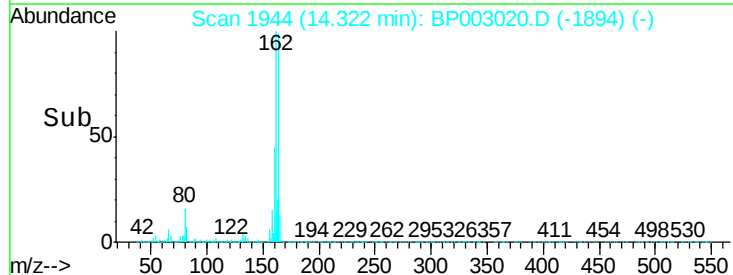
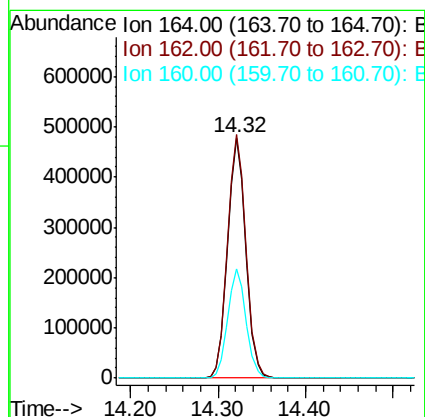
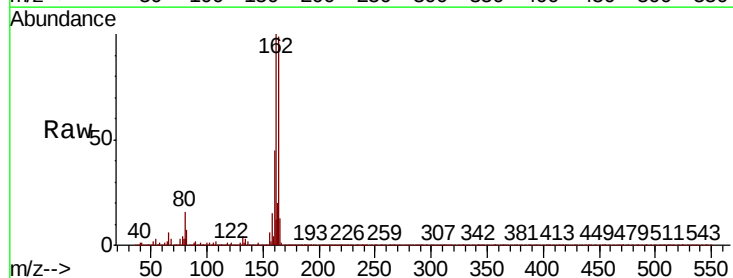
Instrument :
BNA_P
ClientSampleId :
CL-02-081420

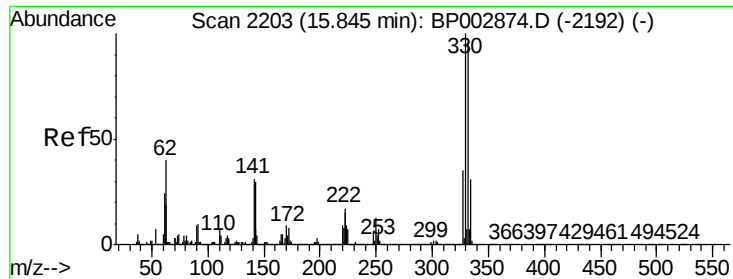
Tot Ion:122 Resp: 5903
Ion Ratio Lower Upper
122 100
105 115.5 96.2 136.2
77 82.5 55.6 95.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.32 min Scan# 1944
Delta R.T. -0.01 min
Lab File: BP003020.D
Acq: 18 Aug 2020 16:49

Tgt Ion:164 Resp: 688296
Ion Ratio Lower Upper
164 100
162 101.3 81.4 122.0
160 45.2 35.5 53.3

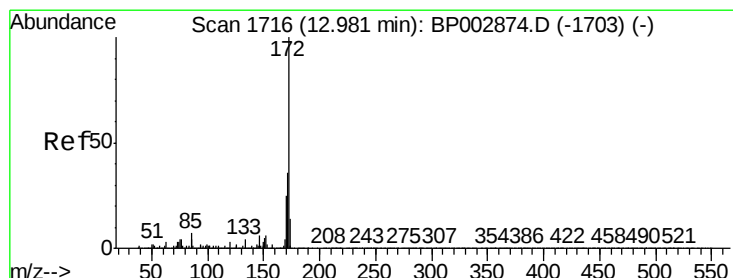
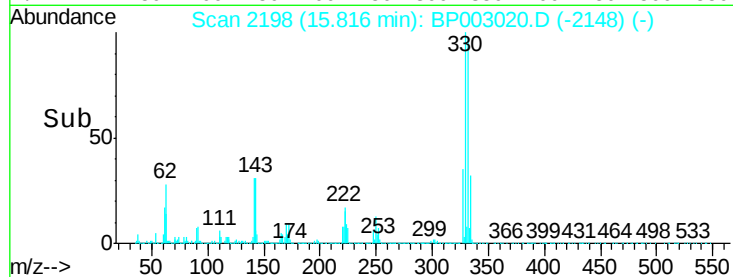
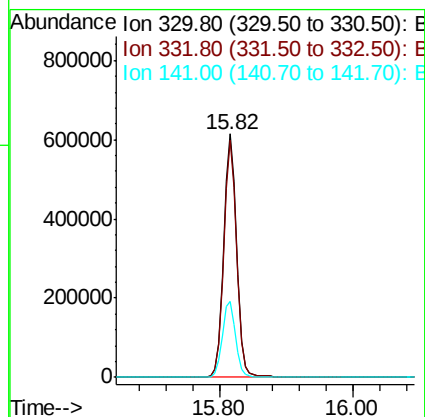
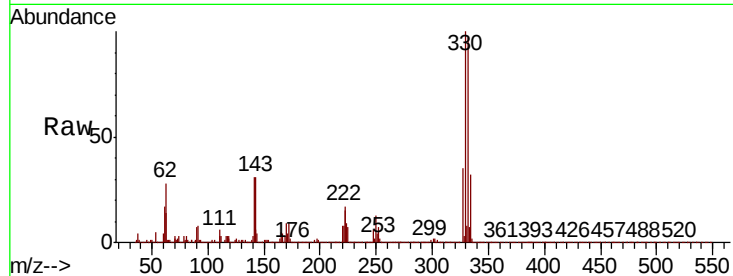




#42
 2,4,6-Tribromophenol
 Concen: 99.201 ng
 RT: 15.82 min Scan# 2198
 Delta R.T. -0.01 min
 Lab File: BP003020.D
 Acq: 18 Aug 2020 16:49

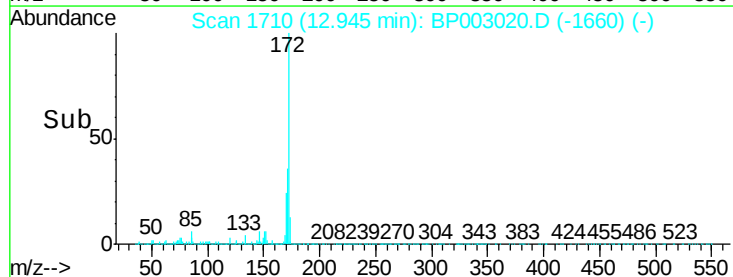
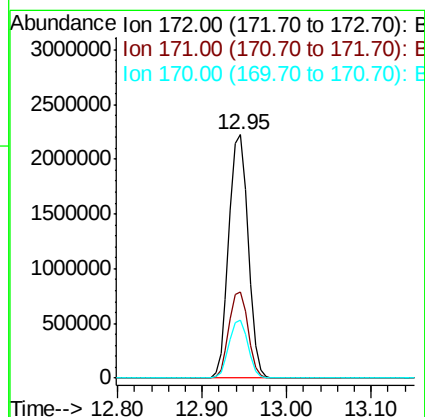
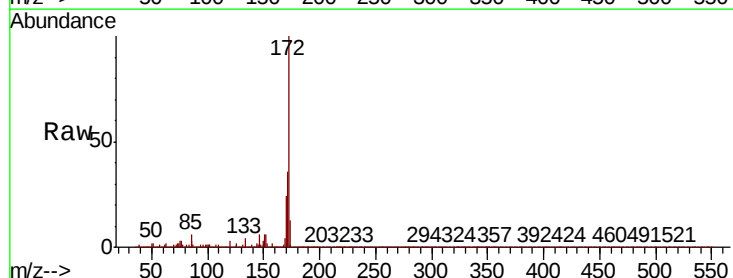
Instrument :
 BNA_P
 ClientSampleId :
 CL-02-081420

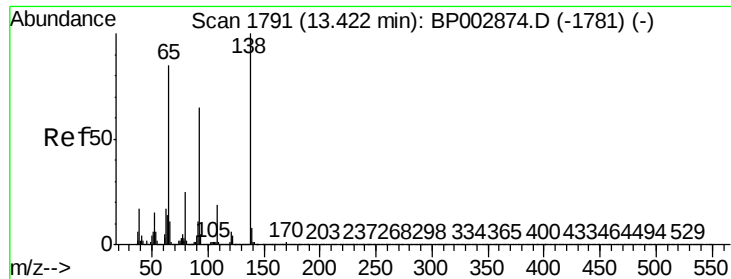
Tot Ion:330 Resp: 848634
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.0 115.6
 141 32.0 26.7 40.1



#45
 2-Fluorobiphenyl
 Concen: 69.421 ng
 RT: 12.95 min Scan# 1710
 Delta R.T. -0.01 min
 Lab File: BP003020.D
 Acq: 18 Aug 2020 16:49

Tgt Ion:172 Resp: 3497219
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.0 43.4
 170 23.8 19.1 28.7

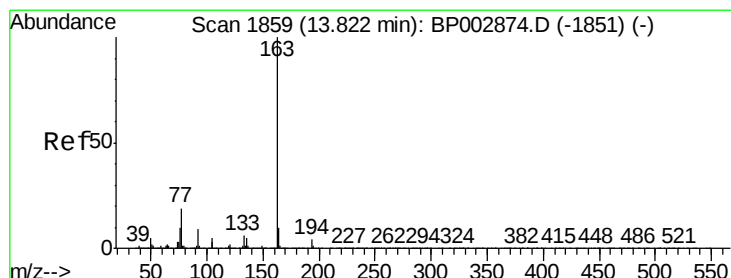
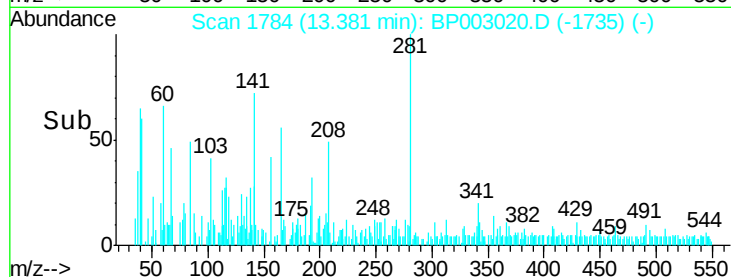
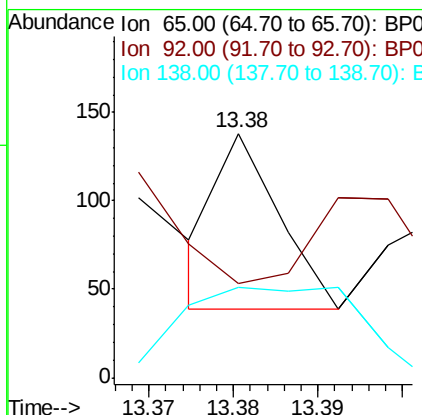
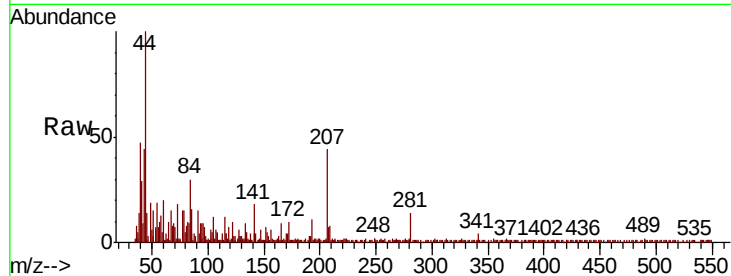




#48
2-Nitroaniline
Concen: 3.976 ng
RT: 13.38 min Scan# 1784
Delta R.T. -0.01 min
Lab File: BP003020.D
Acq: 18 Aug 2020 16:49

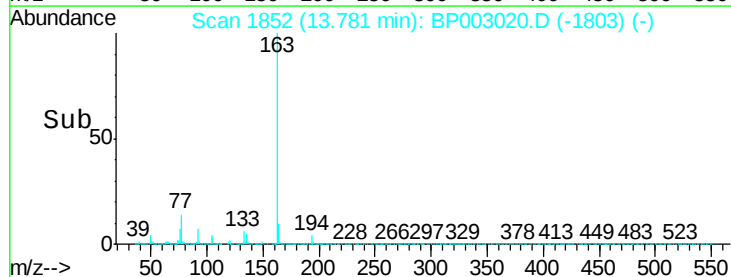
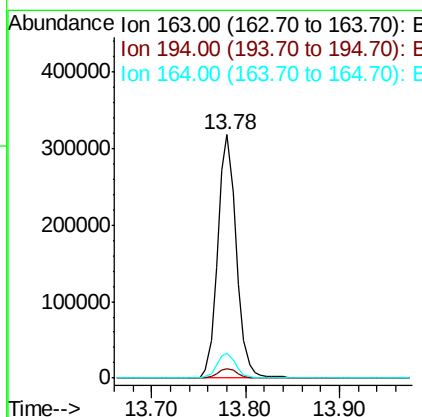
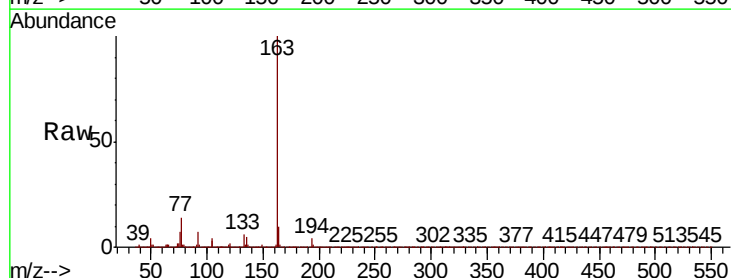
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BNA_P
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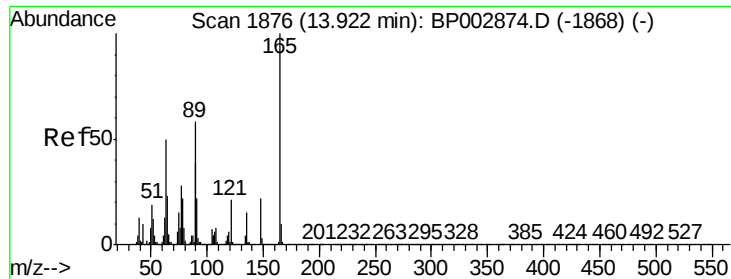
Tot Ion: 65 Resp: 50
Ion Ratio Lower Upper
65 100
92 33.8 70.1 105.1#
138 32.5 129.7 194.5#



#50
Dimethylphthalate
Concen: 8.224 ng
RT: 13.78 min Scan# 1852
Delta R.T. -0.01 min
Lab File: BP003020.D
Acq: 18 Aug 2020 16:49

Tgt Ion: 163 Resp: 442724
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 10.1 8.1 12.1

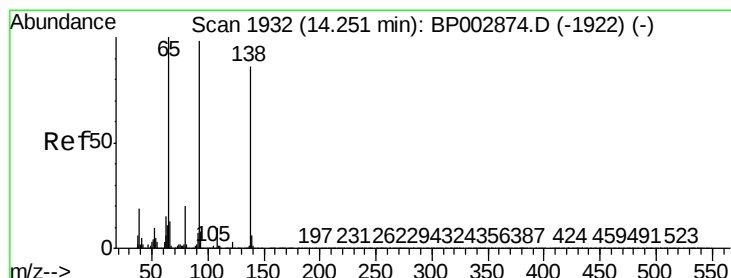
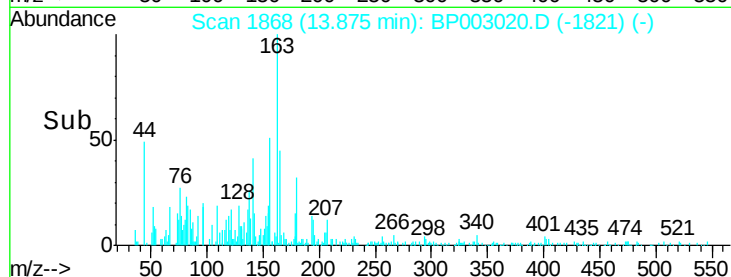
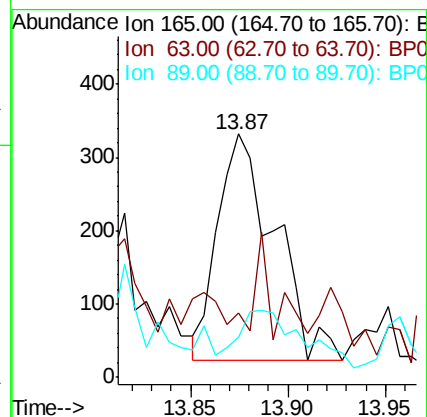
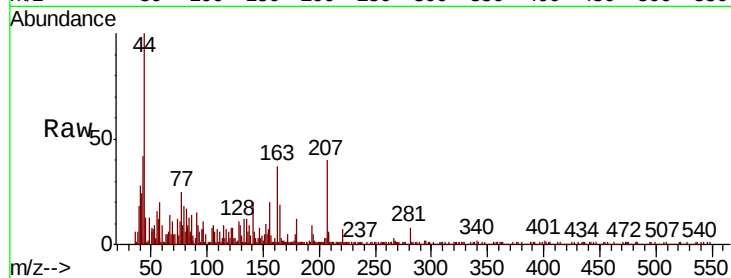




#51
 2,6-Dinitrotoluene
 Concen: 2.948 ng
 RT: 13.87 min Scan# 1868
 Delta R.T. -0.02 min
 Lab File: BP003020.D
 Acq: 18 Aug 2020 16:49

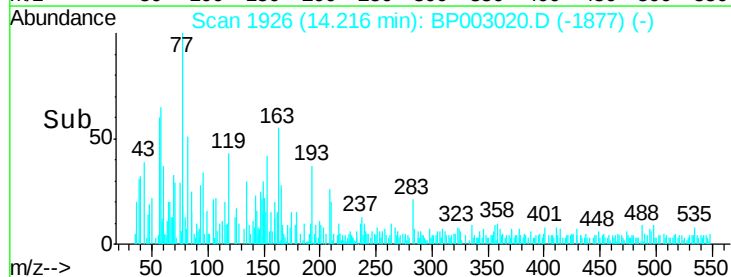
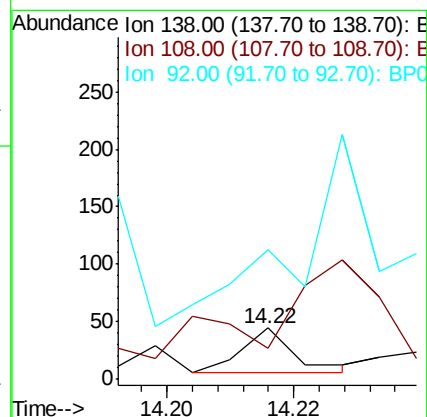
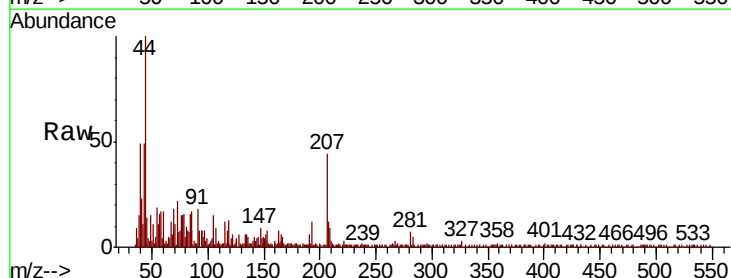
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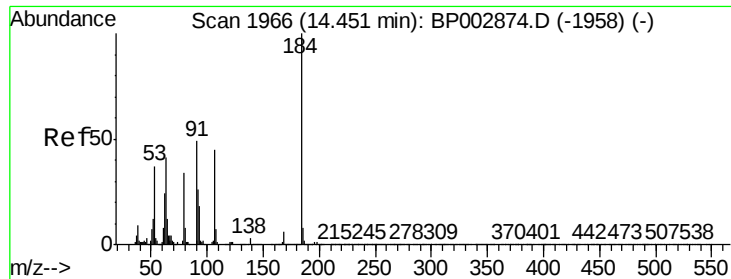
Tot Ion:165 Resp: 629
 Ion Ratio Lower Upper
 165 100
 63 26.2 28.1 42.1#
 89 16.6 34.5 51.7#



#53
 3-Nitroaniline
 Concen: 3.275 ng
 RT: 14.22 min Scan# 1926
 Delta R.T. -0.01 min
 Lab File: BP003020.D
 Acq: 18 Aug 2020 16:49

Tgt Ion:138 Resp: 23
 Ion Ratio Lower Upper
 138 100
 108 59.1 7.7 11.5#
 92 256.8 75.6 113.4#

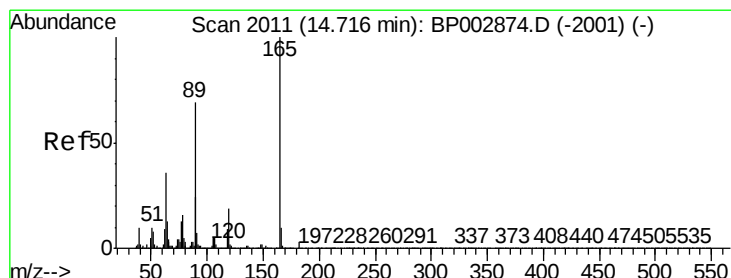
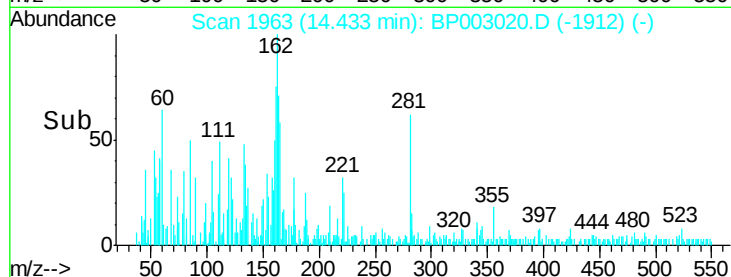
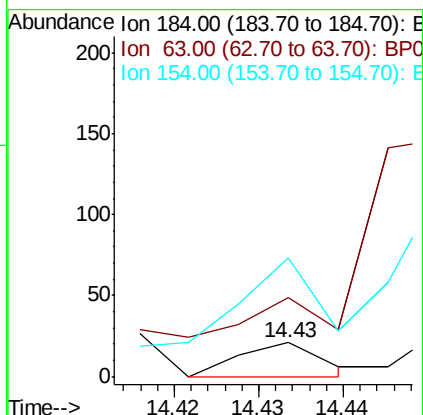
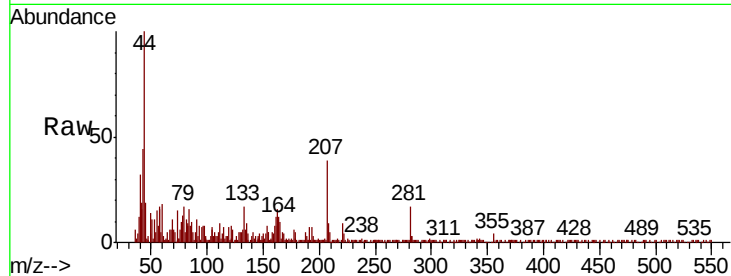




#54
2,4-Dinitrophenol
Concen: 8.060 ng
RT: 14.43 min Scan# 1963
Delta R.T. -0.00 min
Lab File: BP003020.D
Acq: 18 Aug 2020 16:49

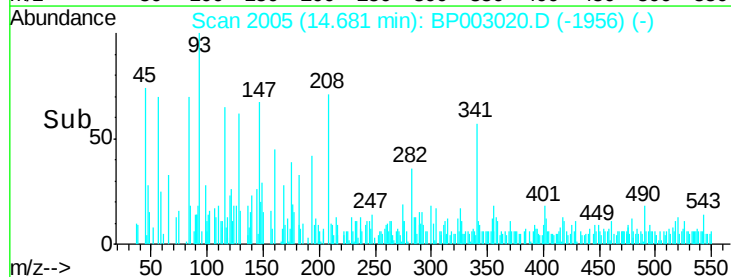
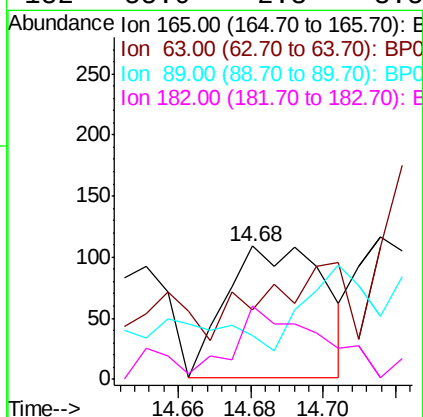
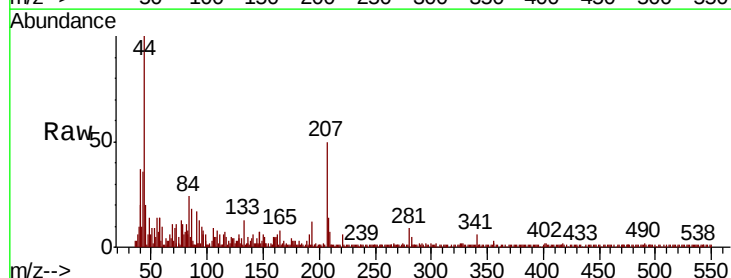
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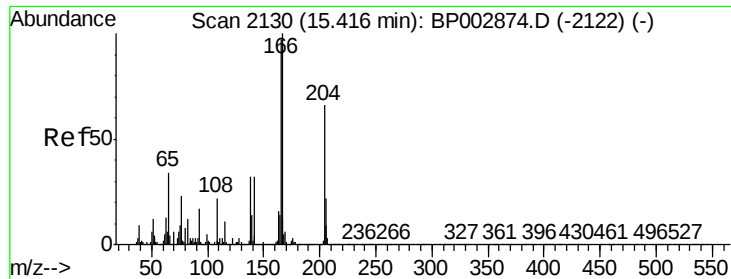
Tot Ion:184 Resp: 14
Ion Ratio Lower Upper
184 100
63 233.3 33.0 49.6#
154 347.6 46.8 70.2#



#57
2,4-Dinitrotoluene
Concen: 3.817 ng
RT: 14.68 min Scan# 2005
Delta R.T. -0.01 min
Lab File: BP003020.D
Acq: 18 Aug 2020 16:49

Tgt Ion:165 Resp: 203
Ion Ratio Lower Upper
165 100
63 52.3 20.6 31.0#
89 33.0 43.4 65.0#
182 55.0 2.3 3.5#





#62

4-Nitroaniline

Concen: 2.419 ng

RT: 15.40 min Scan# 2128

Delta R.T. 0.01 min

Lab File: BP003020.D

Acq: 18 Aug 2020 16:49

Instrument :

BNA_P

ClientSampleId :

CL-02-081420

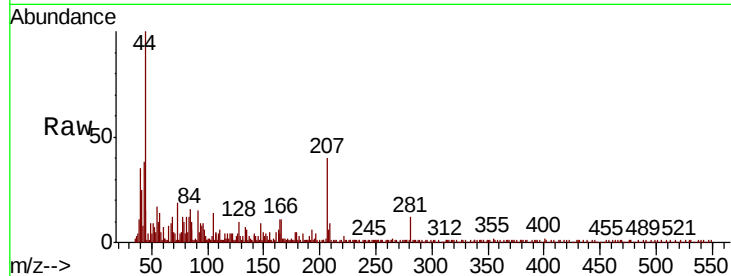
Tot Ion:138 Resp: 42

Ion Ratio Lower Upper

138 100

92 149.1 21.4 61.4#

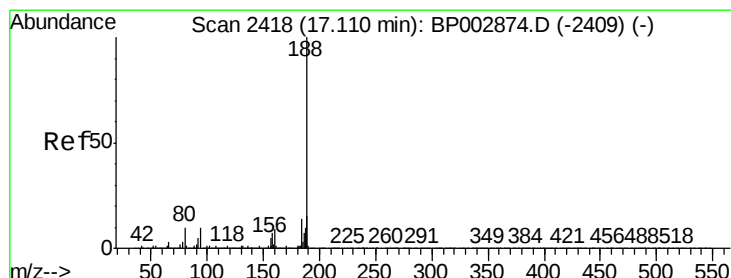
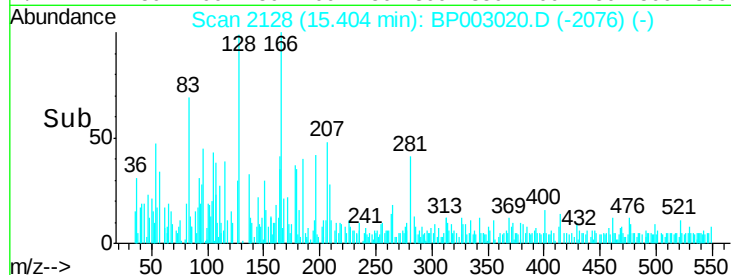
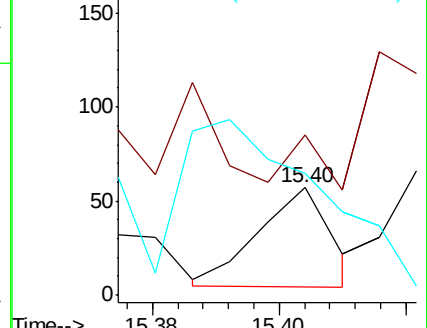
108 143.9 40.8 80.8#



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: 17.07 min Scan# 2412

Delta R.T. -0.01 min

Lab File: BP003020.D

Acq: 18 Aug 2020 16:49

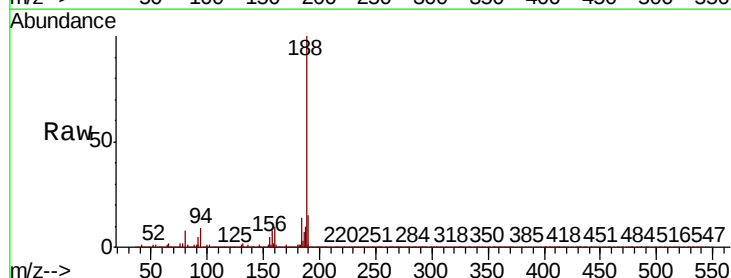
Tgt Ion:188 Resp: 1279387

Ion Ratio Lower Upper

188 100

94 8.6 7.1 10.7

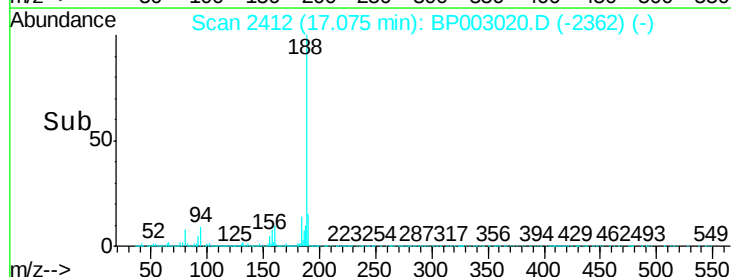
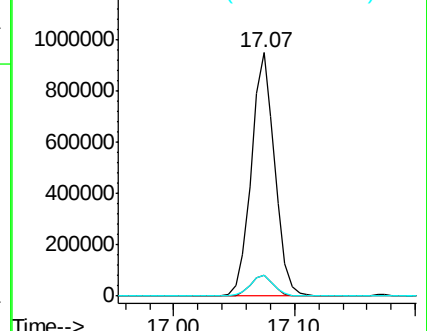
80 8.3 6.7 10.1

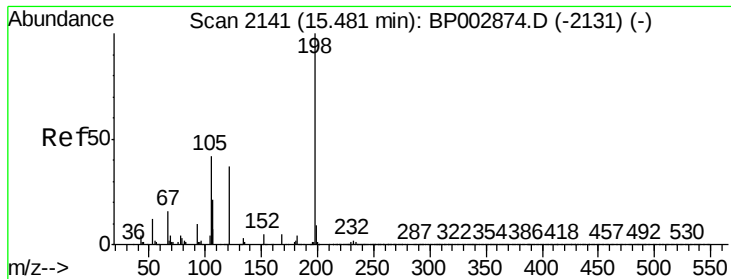


Abundance Ion 188.00 (187.70 to 188.70): E

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: 6.908 ng

RT: 15.44 min Scan# 2134

Delta R.T. -0.02 min

Lab File: BP003020.D

Acq: 18 Aug 2020 16:49

Instrument :

BNA_P

ClientSampleId :

CL-02-081420

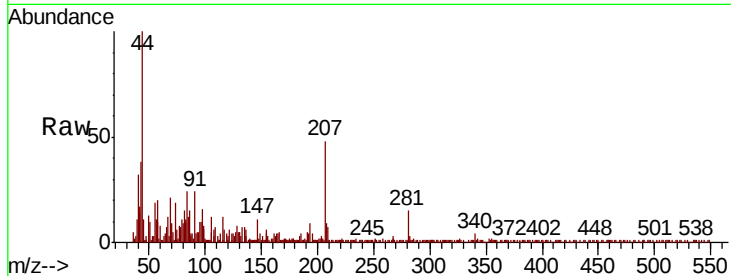
Tot Ion:198 Resp: 57

Ion Ratio Lower Upper

198 100

51 502.9 6.2 46.2#

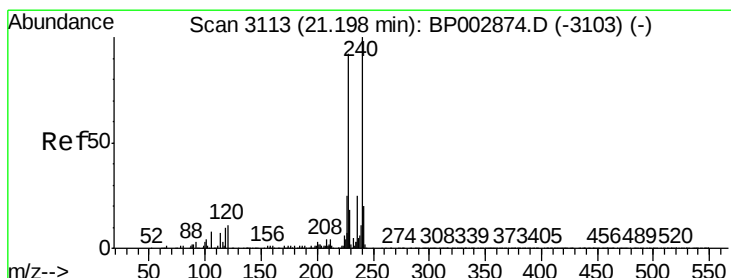
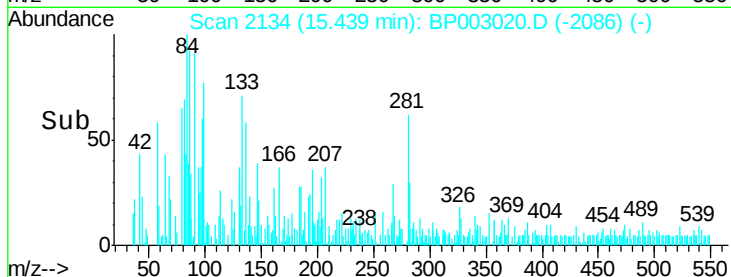
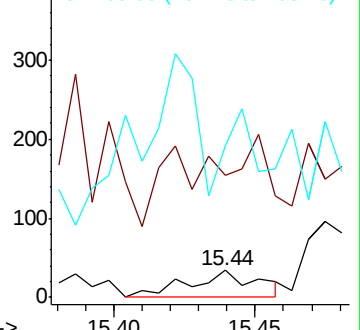
105 561.8 19.9 59.9#



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# 3108

Delta R.T. -0.01 min

Lab File: BP003020.D

Acq: 18 Aug 2020 16:49

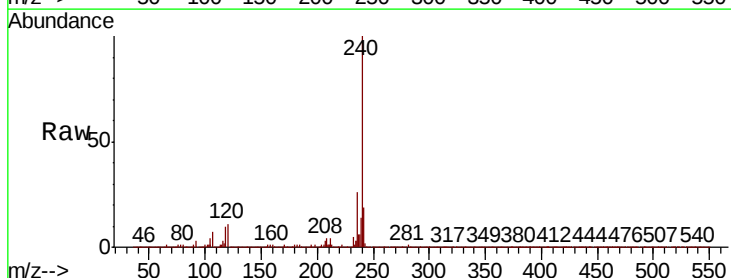
Tgt Ion:240 Resp: 1645860

Ion Ratio Lower Upper

240 100

120 11.2 9.5 14.3

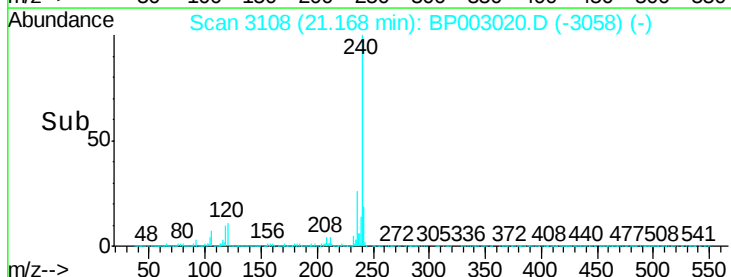
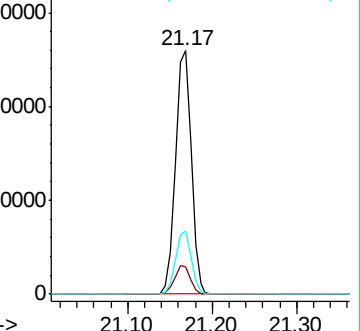
236 26.0 20.8 31.2

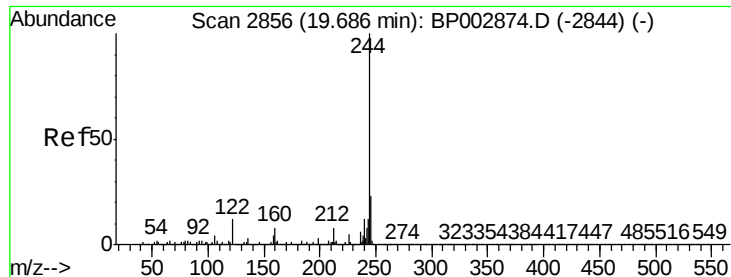


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 61.536 ng

RT: 19.65 min Scan# 2850

Delta R.T. -0.01 min

Lab File: BP003020.D

Acq: 18 Aug 2020 16:49

Instrument :

BNA_P

ClientSampleId :

CL-02-081420

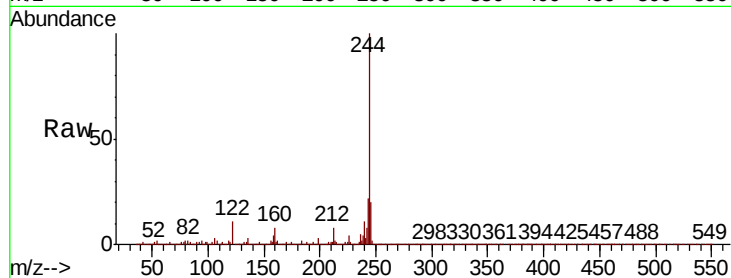
Tot Ion:244 Resp: 5058992

Ion Ratio Lower Upper

244 100

212 7.6 6.3 9.5

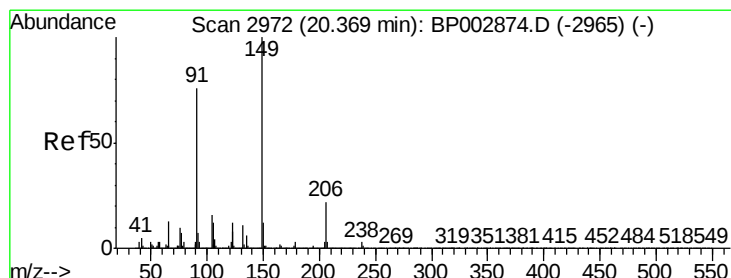
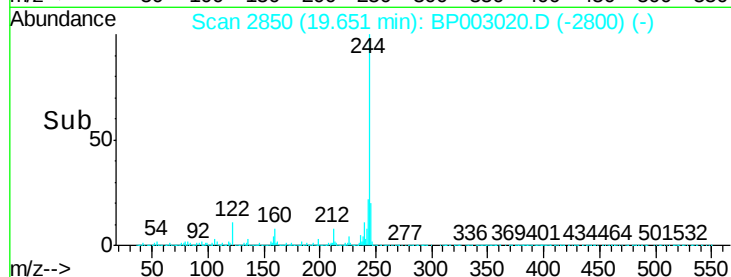
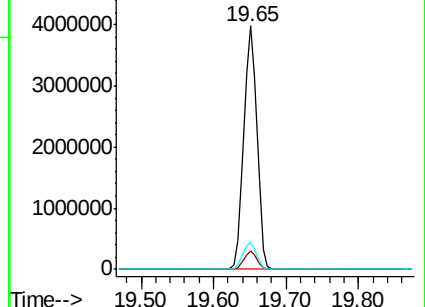
122 11.1 8.7 13.1



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: 3.157 ng

RT: 20.33 min Scan# 2966

Delta R.T. -0.01 min

Lab File: BP003020.D

Acq: 18 Aug 2020 16:49

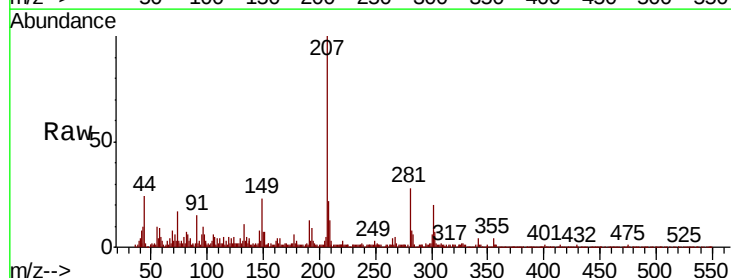
Tgt Ion:149 Resp: 4966

Ion Ratio Lower Upper

149 100

91 63.5 45.3 67.9

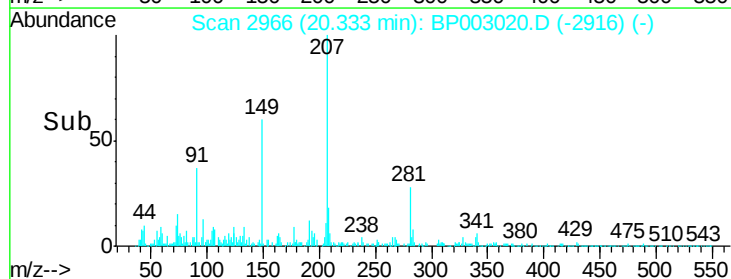
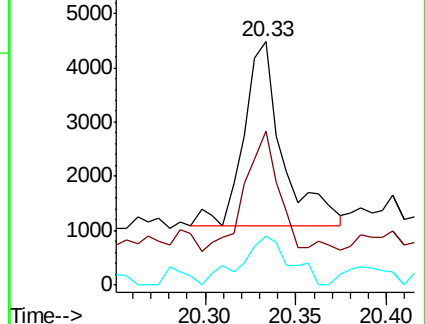
206 20.3 17.5 26.3

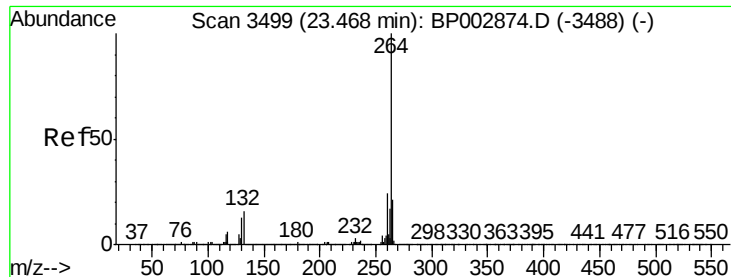


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BP0

Ion 206.00 (205.70 to 206.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.41 min Scan# 3489
Delta R.T. -0.01 min
Lab File: BP003020.D
Acq: 18 Aug 2020 16:49

Instrument :
BNA_P
ClientSampleId :
CL-02-081420

Tot Ion:264 Resp: 1426912

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.7	17.3	25.9

