

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP081720\
 Data File : BP003000.D
 Acq On : 17 Aug 2020 13:39
 Operator : CG/JU
 Sample : PB130933TB
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB130933TB

Quant Time: Aug 17 14:17:00 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	322341	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	1185394	20.00	ng	0.00
39) Acenaphthene-d10	14.32	164	792032	20.00	ng	0.00
64) Phenanthrene-d10	17.07	188	1523611	20.00	ng	0.00
76) Chrysene-d12	21.17	240	1544273	20.00	ng	0.00
86) Perylene-d12	23.42	264	1617830	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.29	112	1832861	87.03	ng	0.00
7) Phenol-d6	6.86	99	2140258	73.19	ng	0.00
23) Nitrobenzene-d5	8.83	82	1099145	50.22	ng	0.00
42) 2,4,6-Tribromophenol	15.82	330	746954	75.88	ng	0.00
45) 2-Fluorobiphenyl	12.95	172	3094929	53.39	ng	0.00
79) Terphenyl-d14	19.66	244	4306362	55.83	ng	0.00

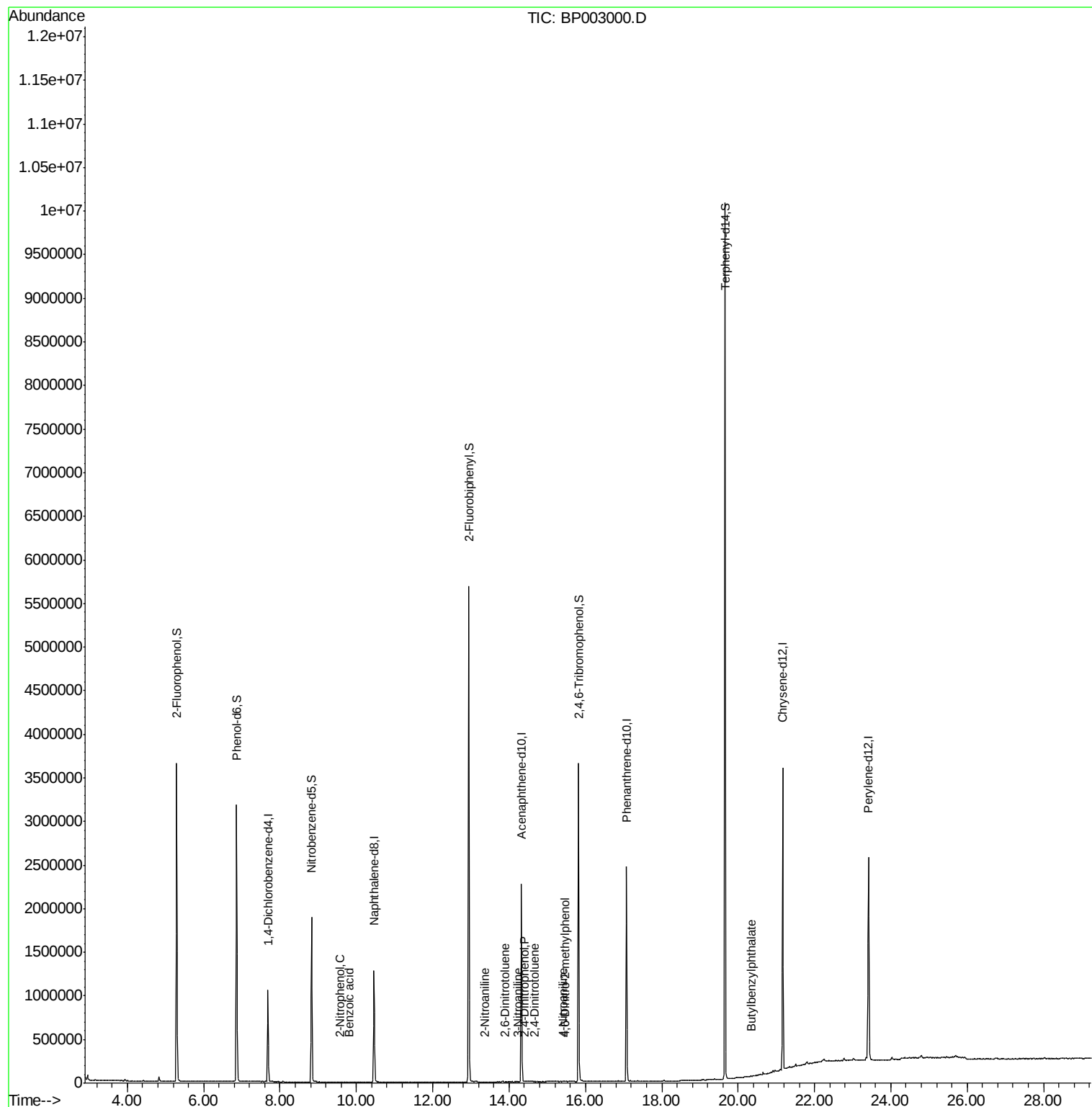
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
26) 2-Nitrophenol	9.56	139	21	4.522	ng	# 1
32) Benzoic acid	9.80	122	17	7.687	ng	# 1
48) 2-Nitroaniline	13.38	65	118	3.980	ng	# 24
51) 2,6-Dinitrotoluene	13.90	165	84	2.905	ng	# 75
53) 3-Nitroaniline	14.22	138	14	3.274	ng	# 1
54) 2,4-Dinitrophenol	14.41	184	13	8.059	ng	# 1
57) 2,4-Dinitrotoluene	14.67	165	98	3.811	ng	# 68
62) 4-Nitroaniline	15.40	138	21	2.417	ng	# 1
65) 4,6-Dinitro-2-methylphenol	15.46	198	22	6.903	ng	# 1
80) Butylbenzylphthalate	20.34	149	524	3.069	ng	94

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

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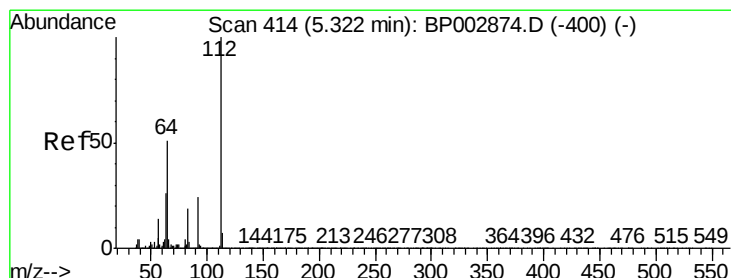
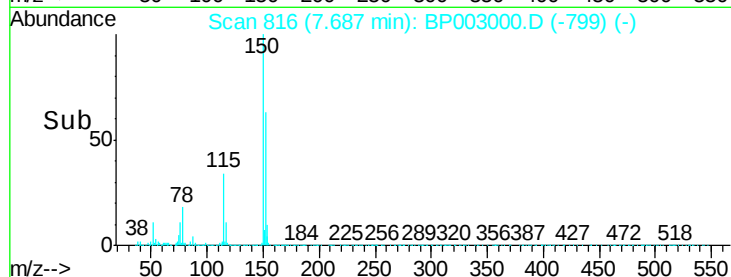
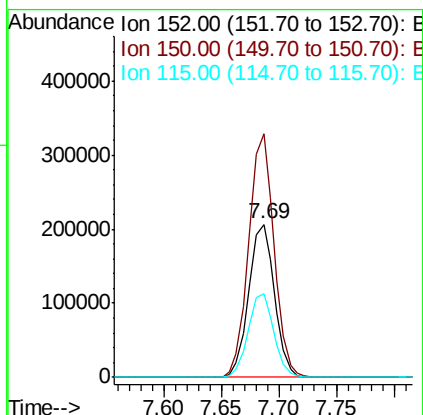
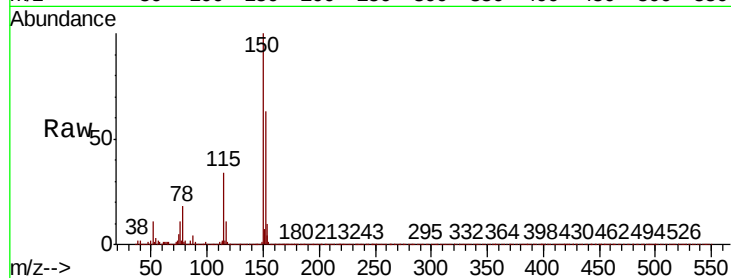


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.69 min Scan# 816
Delta R.T. -0.00 min
Lab File: BP003000.D
Acq: 17 Aug 2020 13:39

Instrument :
BNA_P
ClientSampleId :
PB130933TB

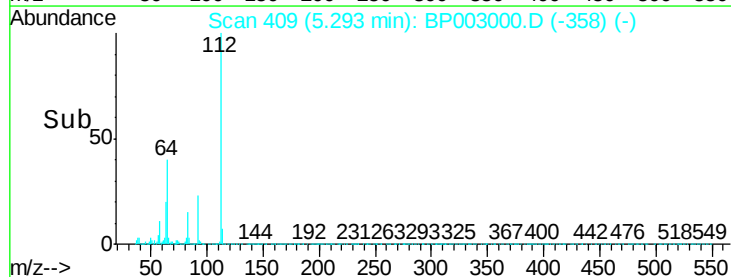
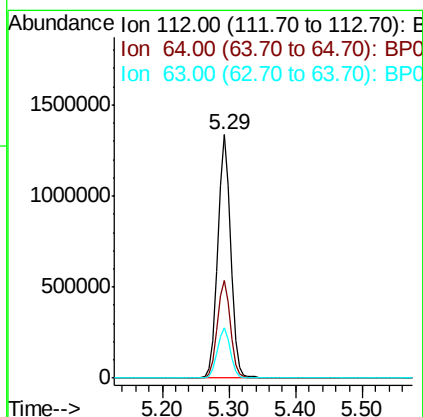
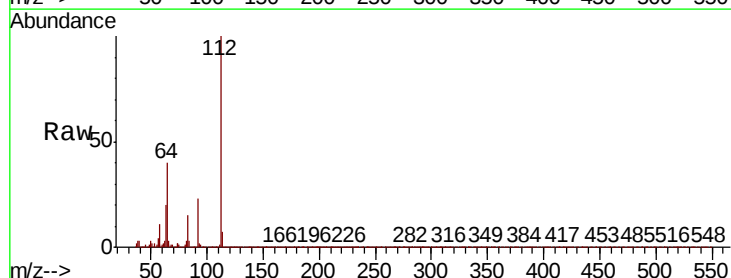
Tot Ion	Ratio	Lower	Upper
152	100		
150	158.8	126.1	189.1
115	54.3	43.4	65.2

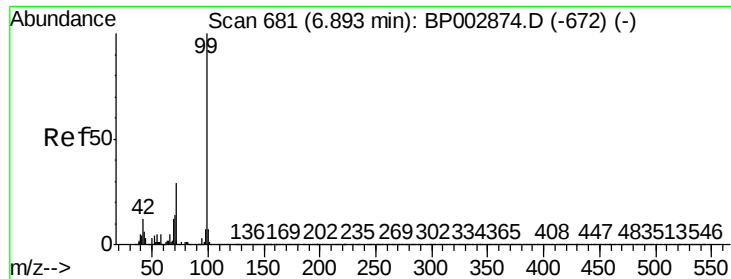


#5

2-Fluorophenol
Concen: 87.026 ng
RT: 5.29 min Scan# 409
Delta R.T. -0.00 min
Lab File: BP003000.D
Acq: 17 Aug 2020 13:39

Tgt Ion	Ratio	Lower	Upper
112	100		
64	40.3	33.4	50.2
63	20.5	17.4	26.0





#7

Phenol-d6

Concen: 73.194 ng

RT: 6.86 min Scan# 676

Delta R.T. -0.01 min

Lab File: BP003000.D

Acq: 17 Aug 2020 13:39

Instrument :

BNA_P

ClientSampleId :

PB130933TB

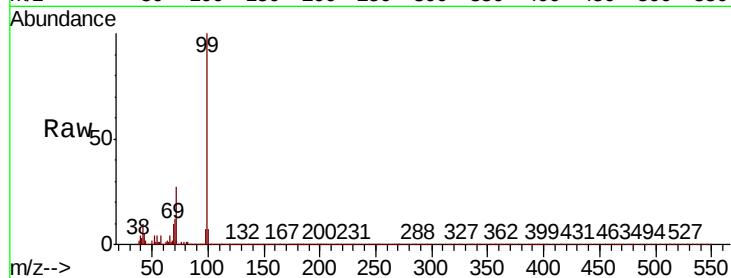
Tot Ion: 99 Resp: 2140258

Ion Ratio Lower Upper

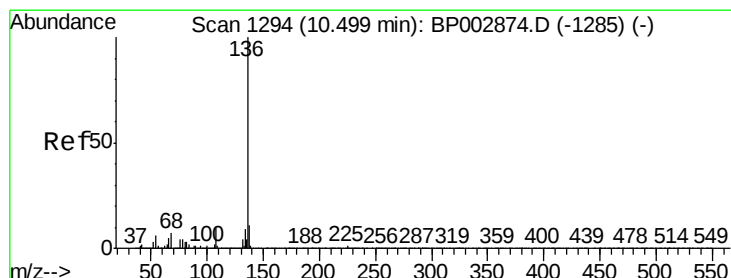
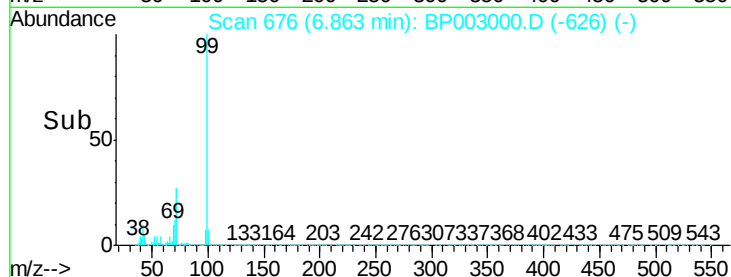
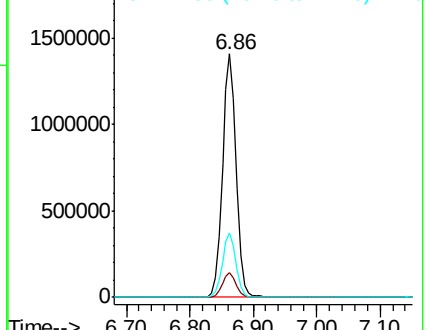
99 100

42 9.9 8.0 12.0

71 26.6 21.3 31.9



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: 10.46 min Scan# 1288

Delta R.T. -0.01 min

Lab File: BP003000.D

Acq: 17 Aug 2020 13:39

Tgt Ion: 136 Resp: 1185394

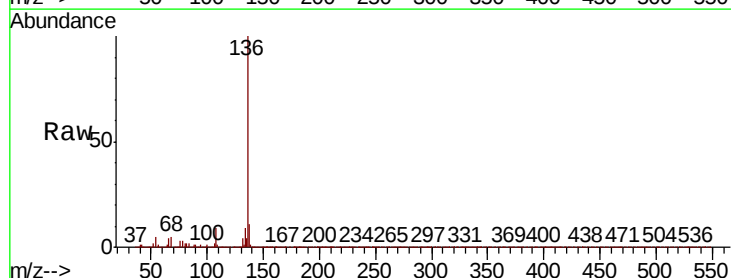
Ion Ratio Lower Upper

136 100

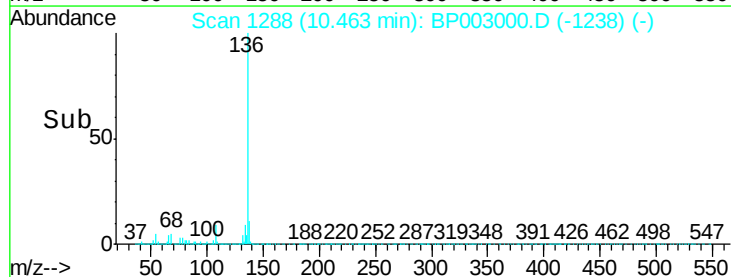
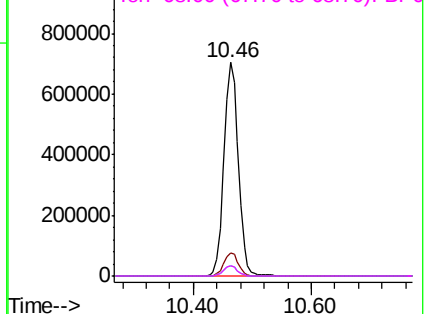
137 10.9 8.8 13.2

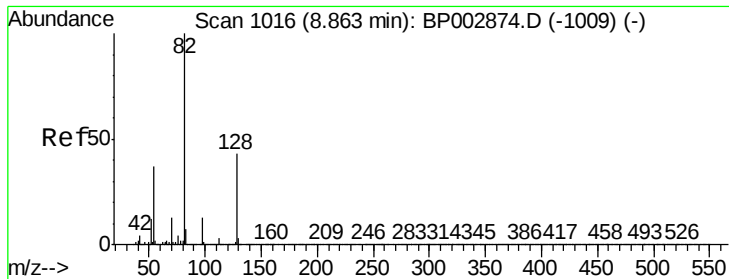
54 4.6 3.8 5.8

68 4.7 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

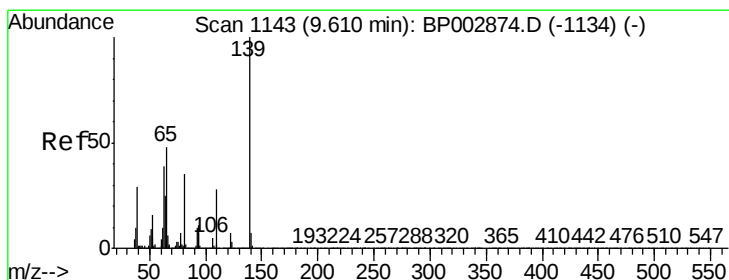
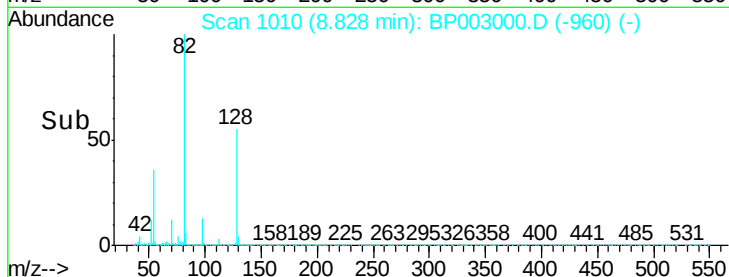
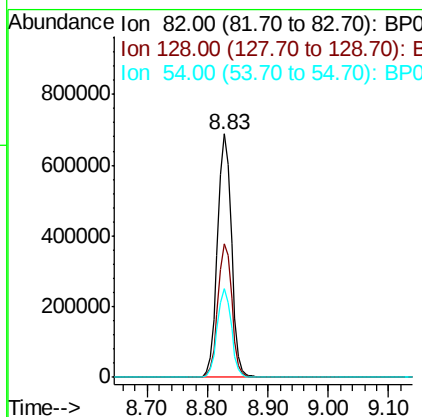
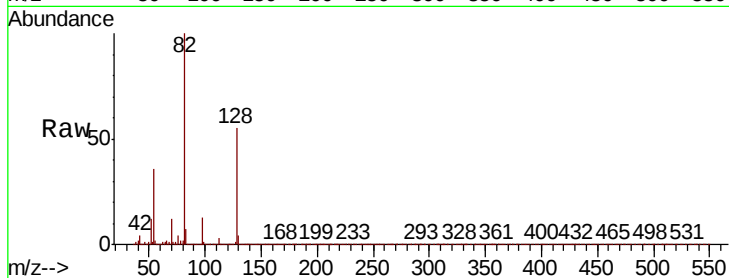




#23
 Nitrobenzene-d5
 Concen: 50.222 ng
 RT: 8.83 min Scan# 1010
 Delta R.T. -0.01 min
 Lab File: BP003000.D
 Acq: 17 Aug 2020 13:39

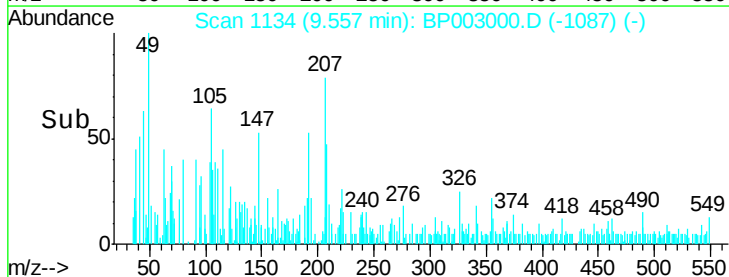
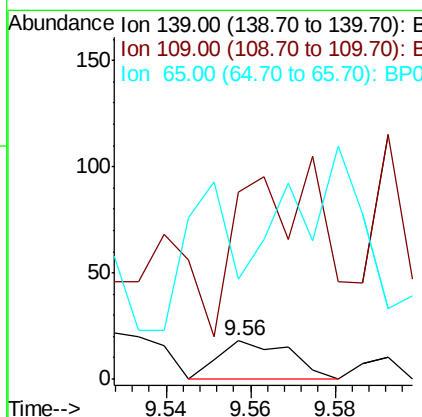
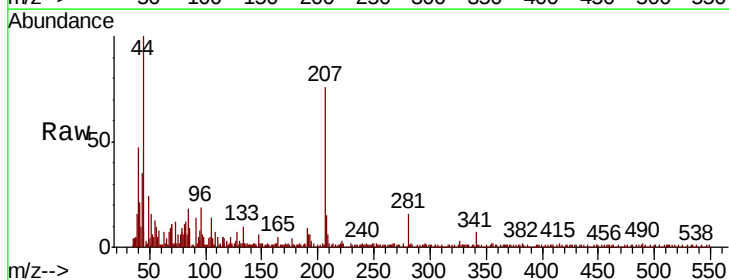
Instrument :
 BNA_P
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 PB130933TB

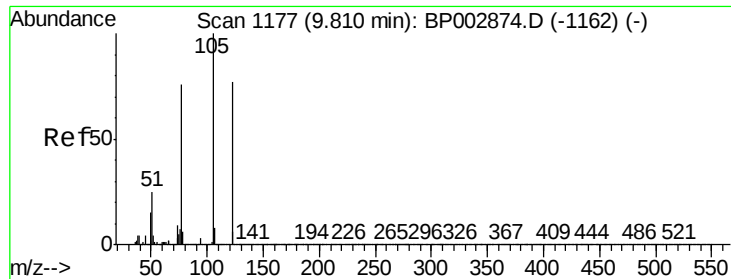
Tot Ion: 82 Resp: 1099145
 Ion Ratio Lower Upper
 82 100
 128 54.6 45.1 67.7
 54 36.4 28.8 43.2



#26
 2-Nitrophenol
 Concen: 4.522 ng
 RT: 9.56 min Scan# 1134
 Delta R.T. -0.02 min
 Lab File: BP003000.D
 Acq: 17 Aug 2020 13:39

Tgt Ion: 139 Resp: 21
 Ion Ratio Lower Upper
 139 100
 109 488.9 21.0 31.6#
 65 322.2 27.2 40.8#

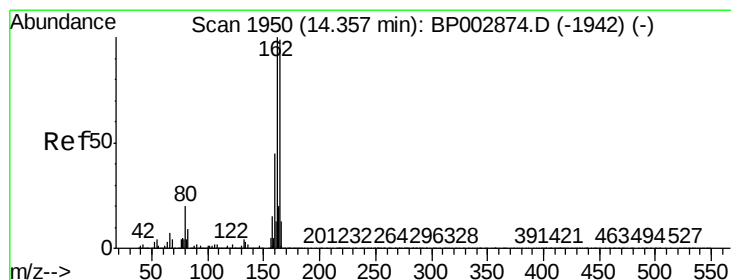
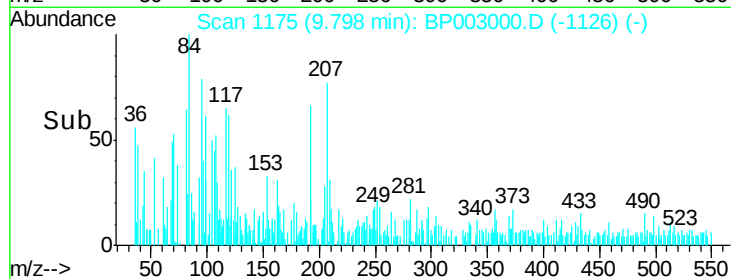
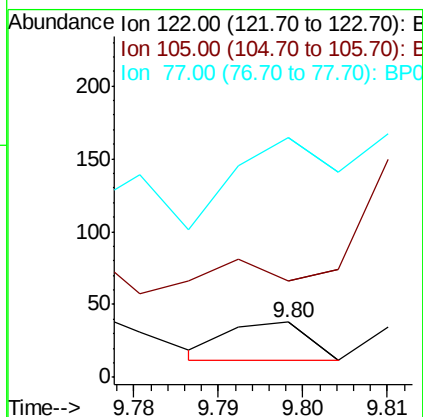
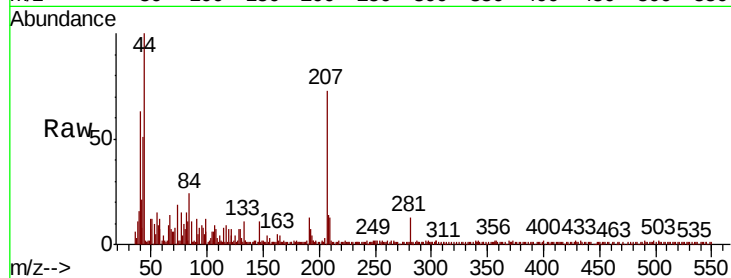




#32
Benzoic acid
Concen: 7.687 ng
RT: 9.80 min Scan# 1175
Delta R.T. -0.01 min
Lab File: BP003000.D
Acq: 17 Aug 2020 13:39

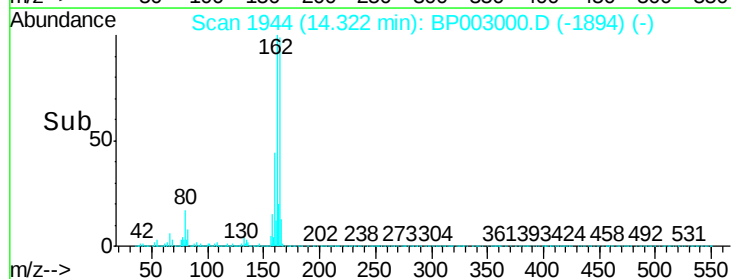
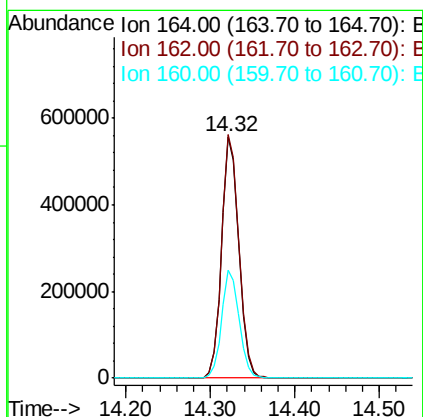
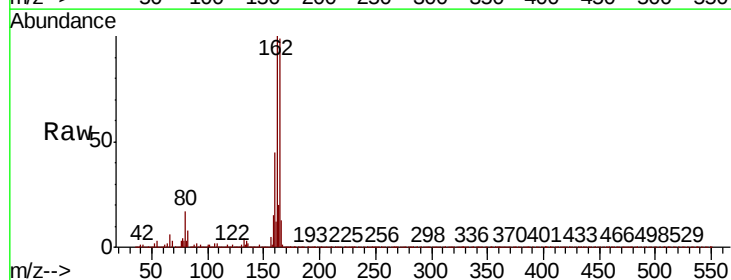
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BNA_P
ClientSampleId :
PB130933TB

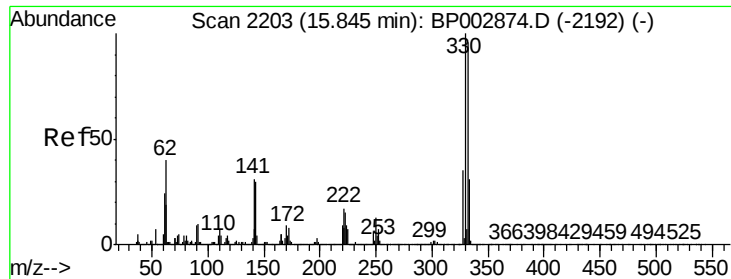
Tot Ion	Ratio	Lower	Upper
122	100		
105	173.7	96.2	136.2#
77	434.2	55.6	95.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.32 min Scan# 1944
Delta R.T. -0.01 min
Lab File: BP003000.D
Acq: 17 Aug 2020 13:39

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.8	81.4	122.0
160	44.8	35.5	53.3

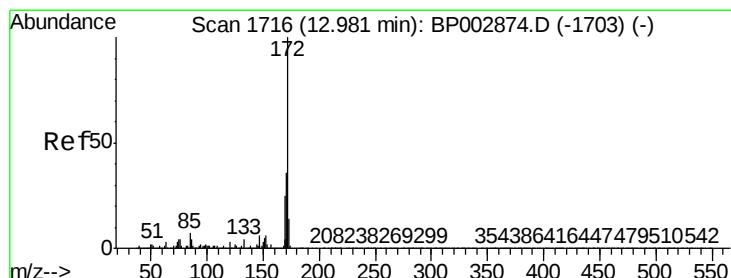
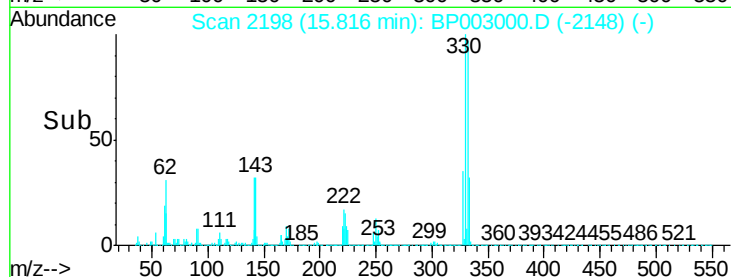
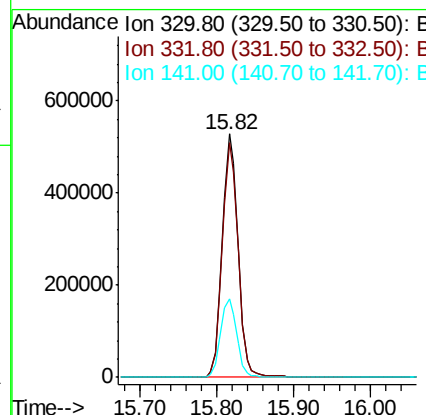
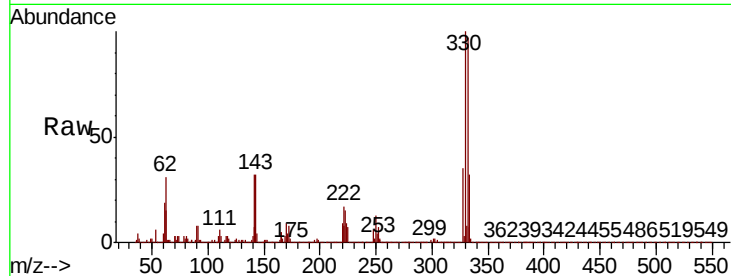




#42
 2,4,6-Tribromophenol
 Concen: 75.879 ng
 RT: 15.82 min Scan# 2198
 Delta R.T. -0.01 min
 Lab File: BP003000.D
 Acq: 17 Aug 2020 13:39

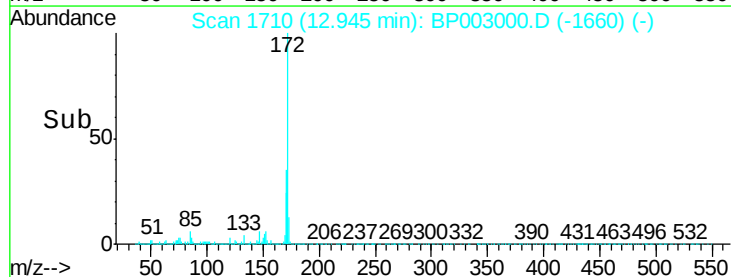
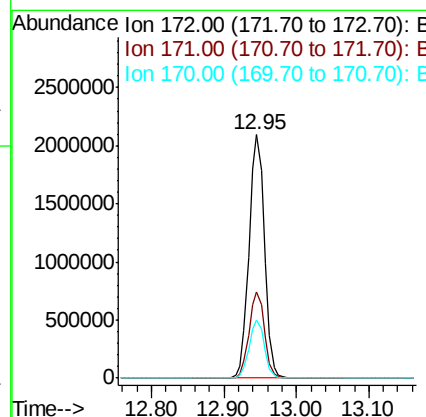
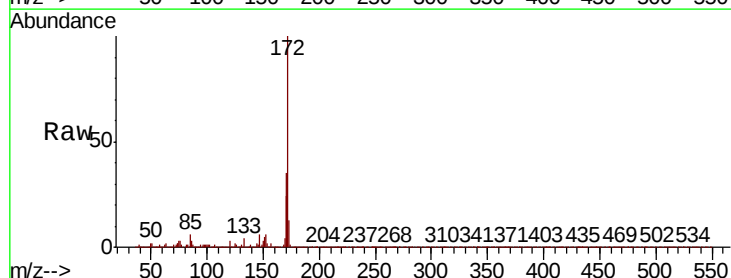
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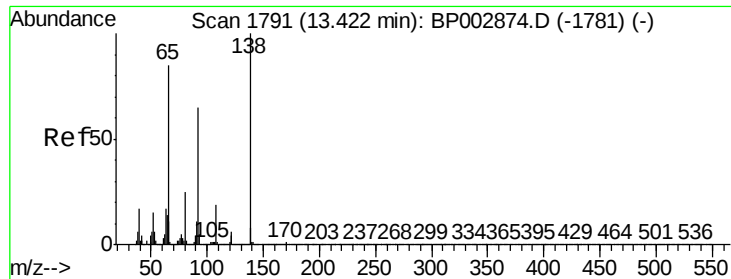
Tot Ion:330 Resp: 746954
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.0 115.6
 141 33.1 26.7 40.1



#45
 2-Fluorobiphenyl
 Concen: 53.389 ng
 RT: 12.95 min Scan# 1710
 Delta R.T. -0.01 min
 Lab File: BP003000.D
 Acq: 17 Aug 2020 13:39

Tgt Ion:172 Resp: 3094929
 Ion Ratio Lower Upper
 172 100
 171 35.4 29.0 43.4
 170 23.6 19.1 28.7





#48

2-Nitroaniline

Concen: 3.980 ng

RT: 13.38 min Scan# 1784

Delta R.T. -0.01 min

Lab File: BP003000.D

Acq: 17 Aug 2020 13:39

Instrument :

BNA_P

ClientSampleId :

PB130933TB

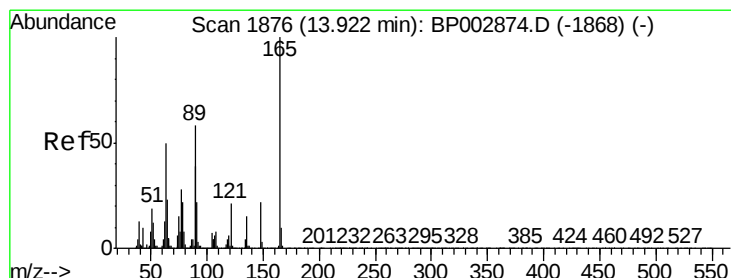
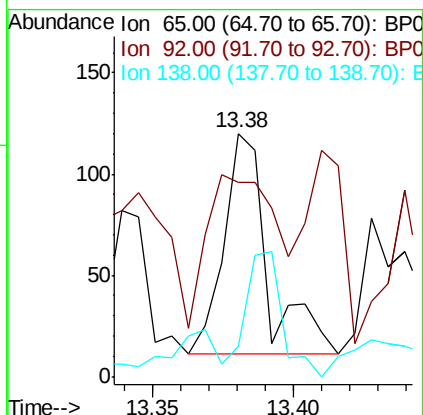
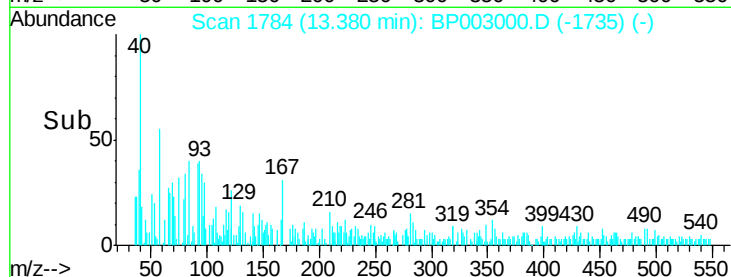
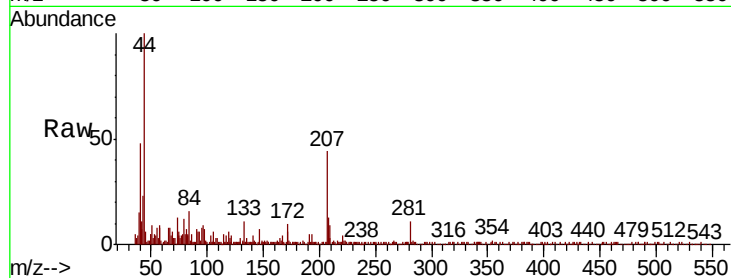
Tot Ion: 65 Resp: 118

Ion Ratio Lower Upper

65 100

92 80.0 70.1 105.1

138 12.5 129.7 194.5#



#51

2,6-Dinitrotoluene

Concen: 2.905 ng

RT: 13.90 min Scan# 1873

Delta R.T. 0.01 min

Lab File: BP003000.D

Acq: 17 Aug 2020 13:39

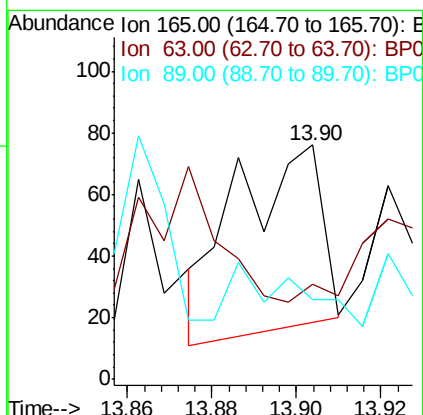
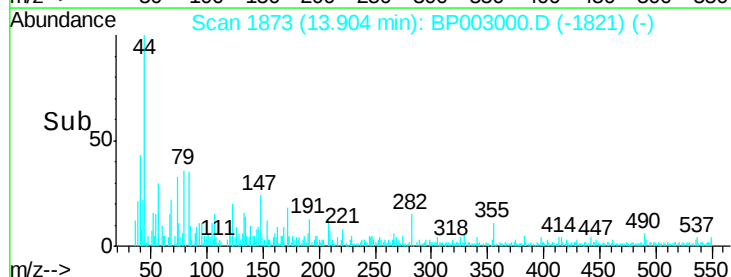
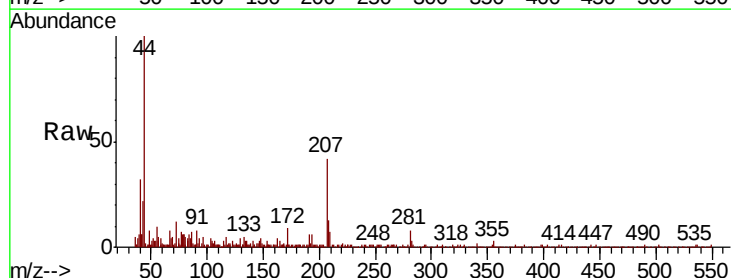
Tgt Ion: 165 Resp: 84

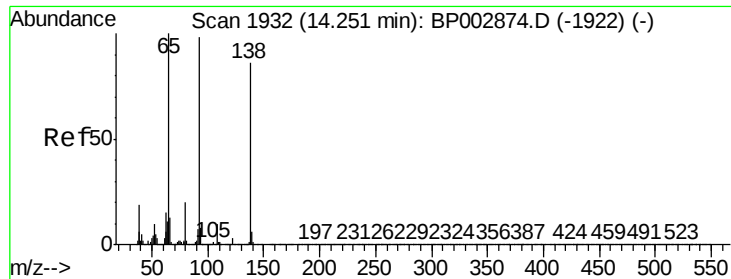
Ion Ratio Lower Upper

165 100

63 40.8 28.1 42.1

89 67.1 34.5 51.7#

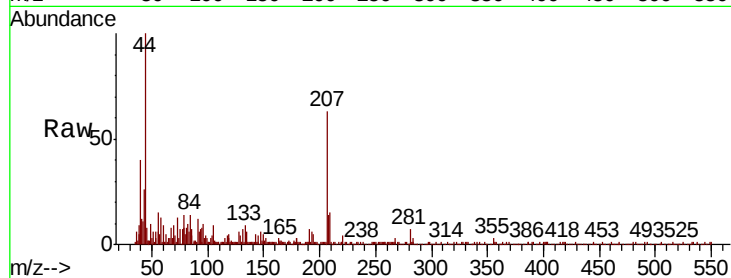




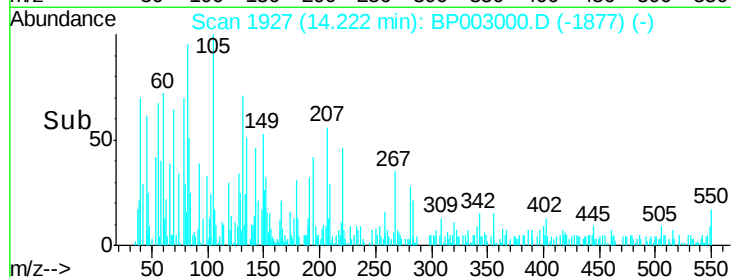
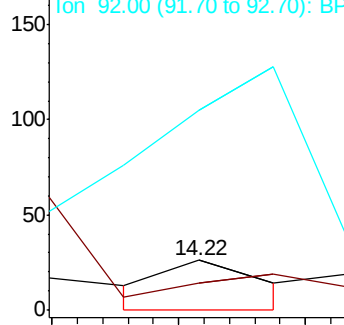
#53
3-Nitroaniline
Concen: 3.274 ng
RT: 14.22 min Scan# 1927
Delta R.T. -0.01 min
Lab File: BP003000.D
Acq: 17 Aug 2020 13:39

Instrument :
BNA_P
ClientSampleId :
PB130933TB

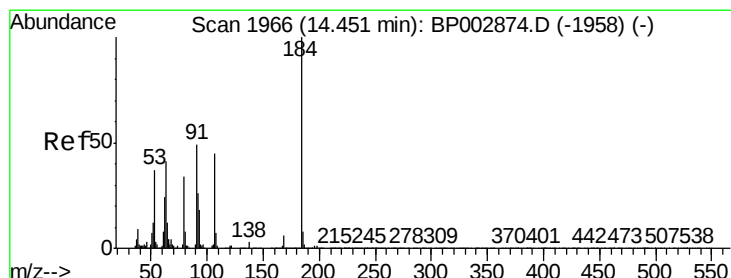
Tot Ion:138 Resp: 14
Ion Ratio Lower Upper
138 100
108 53.8 7.7 11.5#
92 403.8 75.6 113.4#



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

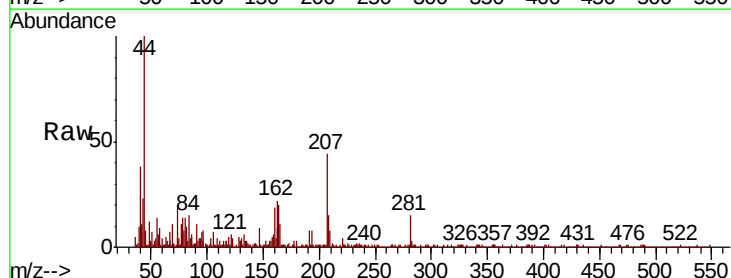


Time--> 14.21 14.22 14.23

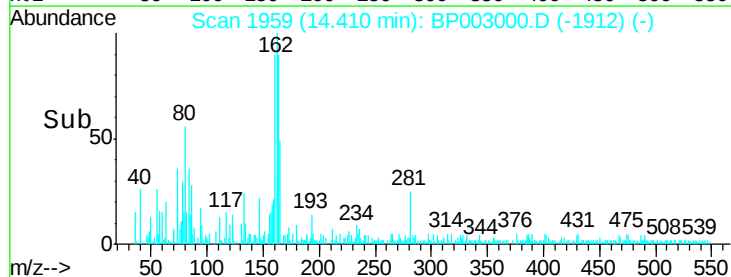
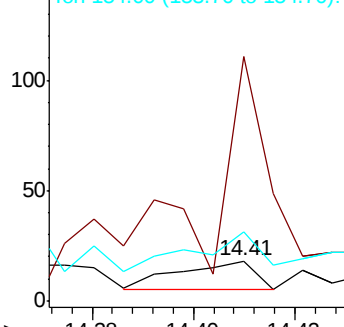


#54
2,4-Dinitrophenol
Concen: 8.059 ng
RT: 14.41 min Scan# 1959
Delta R.T. -0.02 min
Lab File: BP003000.D
Acq: 17 Aug 2020 13:39

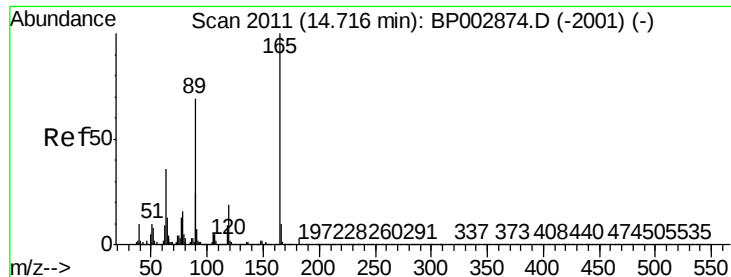
Tgt Ion:184 Resp: 13
Ion Ratio Lower Upper
184 100
63 616.7 33.0 49.6#
154 172.2 46.8 70.2#



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BP0
Ion 154.00 (153.70 to 154.70): E



Time--> 14.38 14.40 14.42



#57

2,4-Dinitrotoluene

Concen: 3.811 ng

RT: 14.67 min Scan# 2004

Delta R.T. -0.02 min

Lab File: BP003000.D

Acq: 17 Aug 2020 13:39

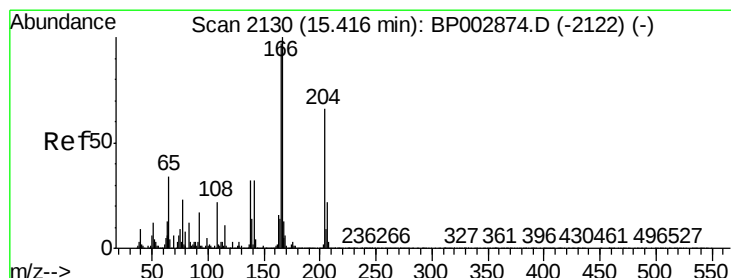
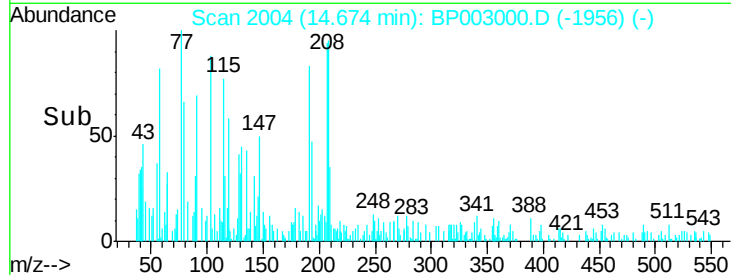
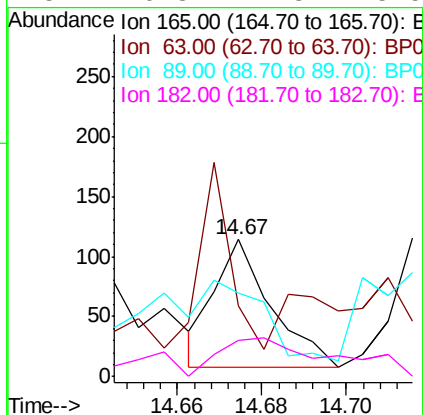
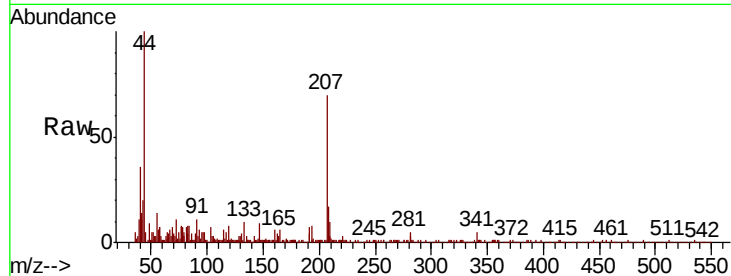
Instrument :

BNA_P

ClientSampleId :

PB130933TB

Tot Ion:165	Resp:	98
Ion Ratio	Lower	Upper
165	100	
63	51.8	20.6 31.0#
89	69.3	43.4 65.0#
182	26.3	2.3 3.5#



#62

4-Nitroaniline

Concen: 2.417 ng

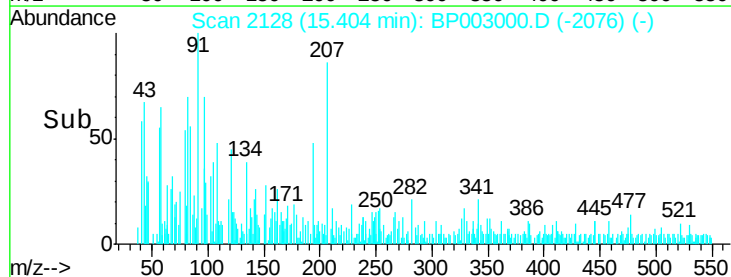
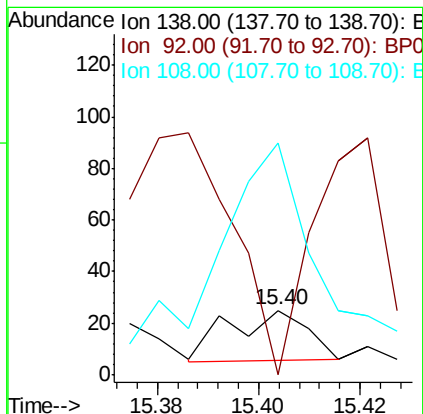
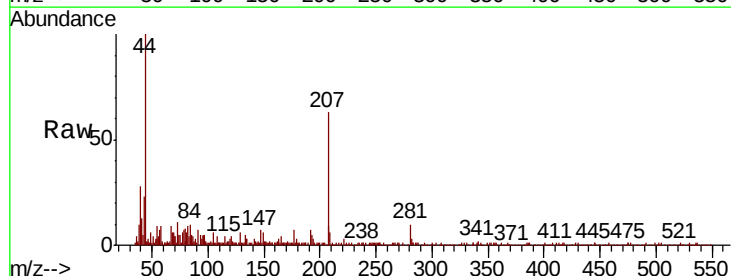
RT: 15.40 min Scan# 2128

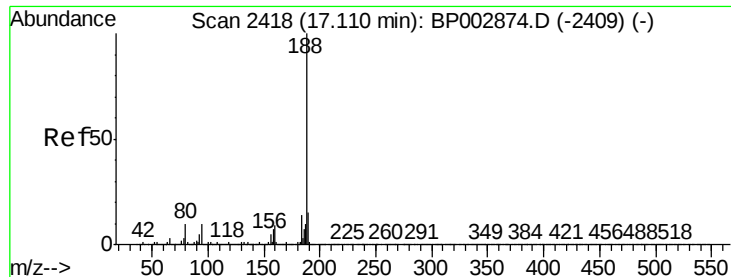
Delta R.T. 0.01 min

Lab File: BP003000.D

Acq: 17 Aug 2020 13:39

Tgt Ion:138	Resp:	21
Ion Ratio	Lower	Upper
138	100	
92	0.0	21.4 61.4#
108	200.0	40.8 80.8#

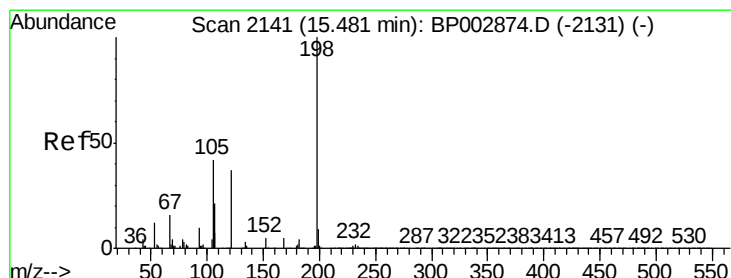
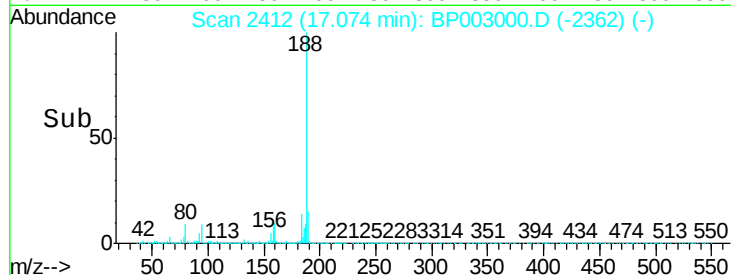
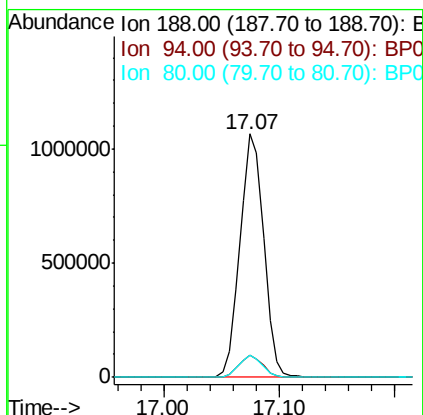
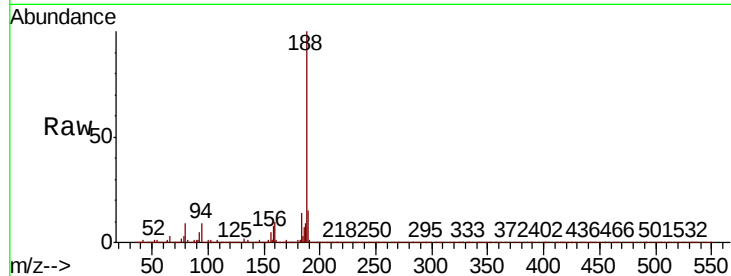




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.07 min Scan# 2412
 Delta R.T. -0.01 min
 Lab File: BP003000.D
 Acq: 17 Aug 2020 13:39

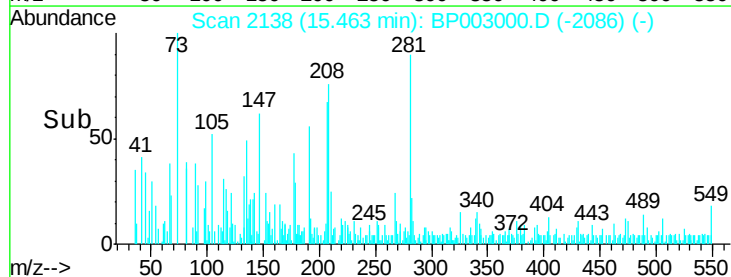
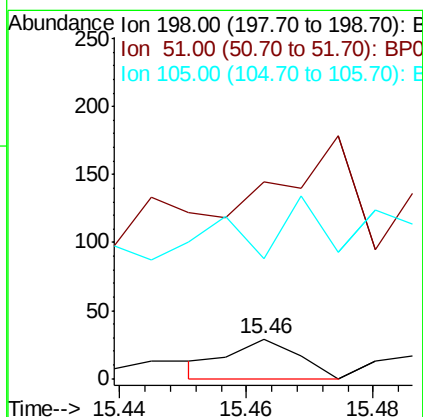
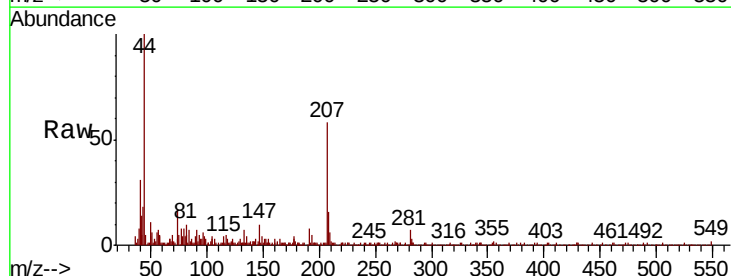
Instrument :
 BNA_P
 ClientSampleId :
 PB130933TB

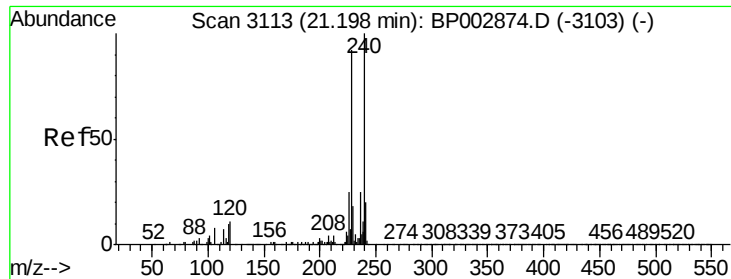
Tot Ion:188 Resp: 1523611
 Ion Ratio Lower Upper
 188 100
 94 9.0 7.1 10.7
 80 9.1 6.7 10.1



#65
 4,6-Dinitro-2-methylphenol
 Concen: 6.903 ng
 RT: 15.46 min Scan# 2138
 Delta R.T. 0.01 min
 Lab File: BP003000.D
 Acq: 17 Aug 2020 13:39

Tgt Ion:198 Resp: 22
 Ion Ratio Lower Upper
 198 100
 51 500.0 6.2 46.2#
 105 303.4 19.9 59.9#

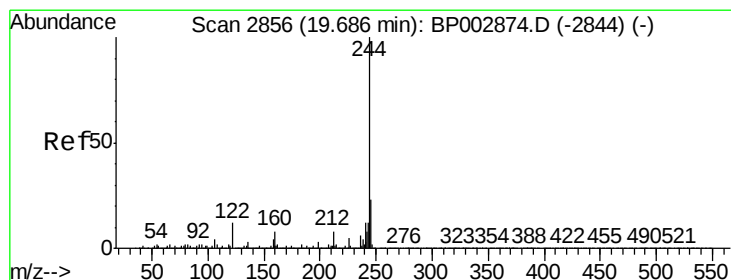
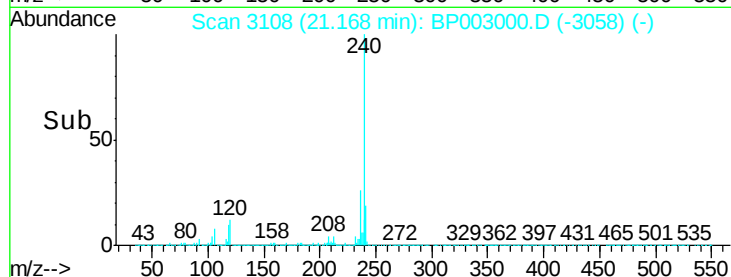
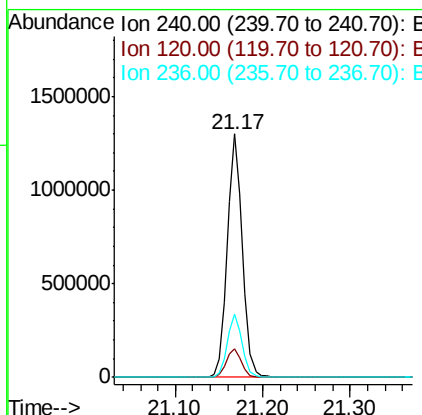
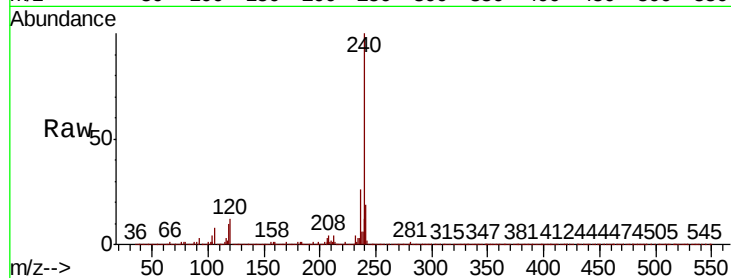




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.17 min Scan# 3108
Delta R.T. -0.01 min
Lab File: BP003000.D
Acq: 17 Aug 2020 13:39

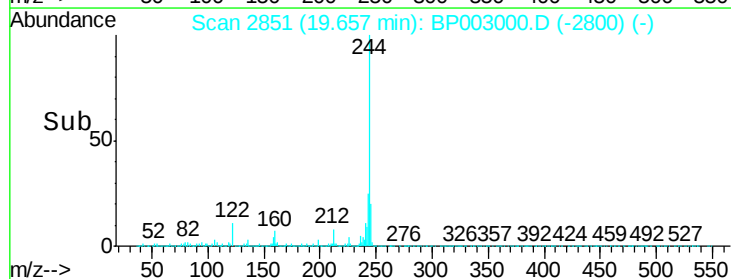
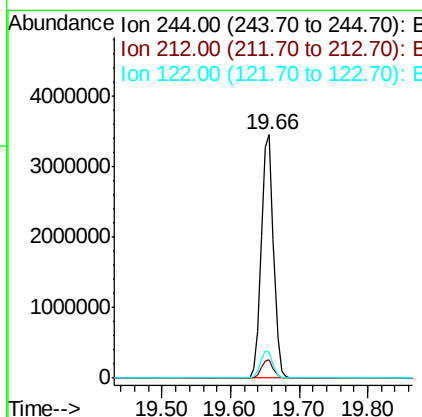
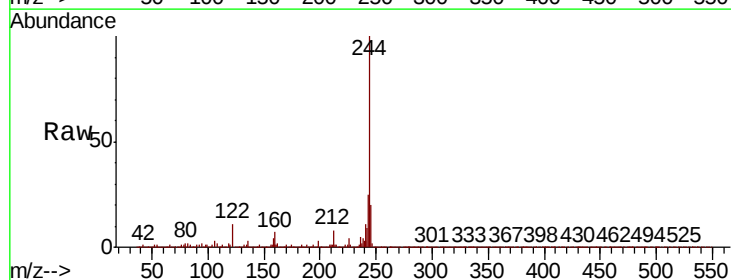
Instrument :
BNA_P
ClientSampleId :
PB130933TB

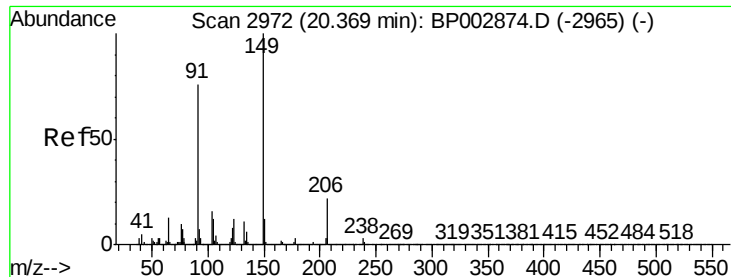
Tot Ion:240 Resp: 1544273
Ion Ratio Lower Upper
240 100
120 11.6 9.5 14.3
236 25.9 20.8 31.2



#79
Terphenyl-d14
Concen: 55.827 ng
RT: 19.66 min Scan# 2851
Delta R.T. -0.00 min
Lab File: BP003000.D
Acq: 17 Aug 2020 13:39

Tgt Ion:244 Resp: 4306362
Ion Ratio Lower Upper
244 100
212 7.5 6.3 9.5
122 10.7 8.7 13.1

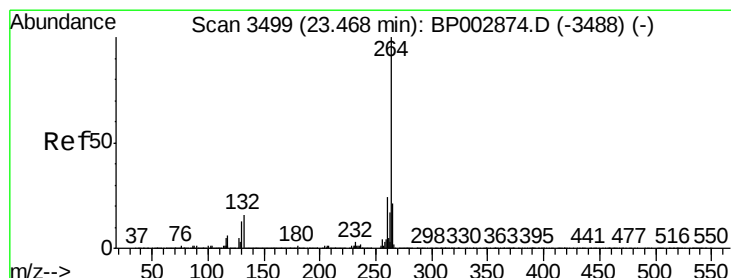
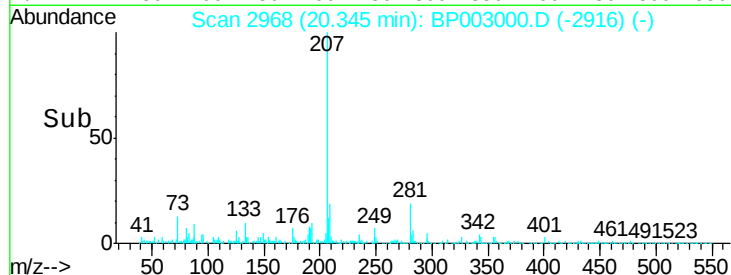
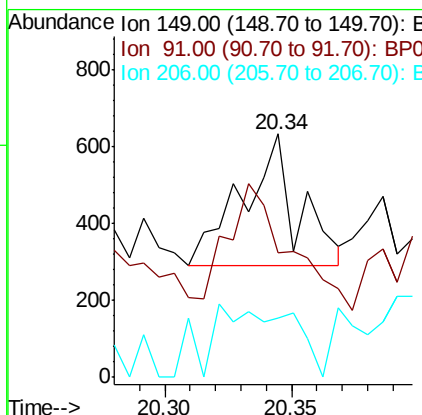
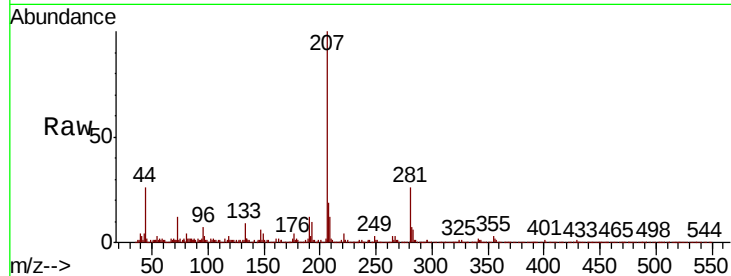




#80
Butylbenzylphthalate
Concen: 3.069 ng
RT: 20.34 min Scan# 2968
Delta R.T. 0.01 min
Lab File: BP003000.D
Acq: 17 Aug 2020 13:39

Instrument :
BNA_P
ClientSampleId :
PB130933TB

Tot Ion:149 Resp: 524
Ion Ratio Lower Upper
149 100
91 51.4 45.3 67.9
206 24.3 17.5 26.3



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.42 min Scan# 3490
Delta R.T. -0.01 min
Lab File: BP003000.D
Acq: 17 Aug 2020 13:39

Tgt Ion:264 Resp: 1617830
Ion Ratio Lower Upper
264 100
260 24.3 19.2 28.8
265 21.7 17.3 25.9

