

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP082120\
 Data File : BP003075.D
 Acq On : 21 Aug 2020 11:20
 Operator : CG/JU
 Sample : PB131124BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB131124BL

Quant Time: Aug 21 12:16:37 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	7.68	152	350196	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	1358936	20.00	ng	-0.01
39) Acenaphthene-d10	14.32	164	804146	20.00	ng	0.00
64) Phenanthrene-d10	17.07	188	1743757	20.00	ng	0.00
76) Chrysene-d12	21.17	240	1815266	20.00	ng	0.00
86) Perylene-d12	23.42	264	1931843	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.29	112	2418361	105.69	ng	0.00
7) Phenol-d6	6.86	99	2809190	88.43	ng	0.00
23) Nitrobenzene-d5	8.83	82	1651785	65.83	ng	0.00
42) 2,4,6-Tribromophenol	15.82	330	1327367	132.81	ng	0.00
45) 2-Fluorobiphenyl	12.95	172	4703476	79.92	ng	0.00
79) Terphenyl-d14	19.66	244	6832378	75.35	ng	0.00

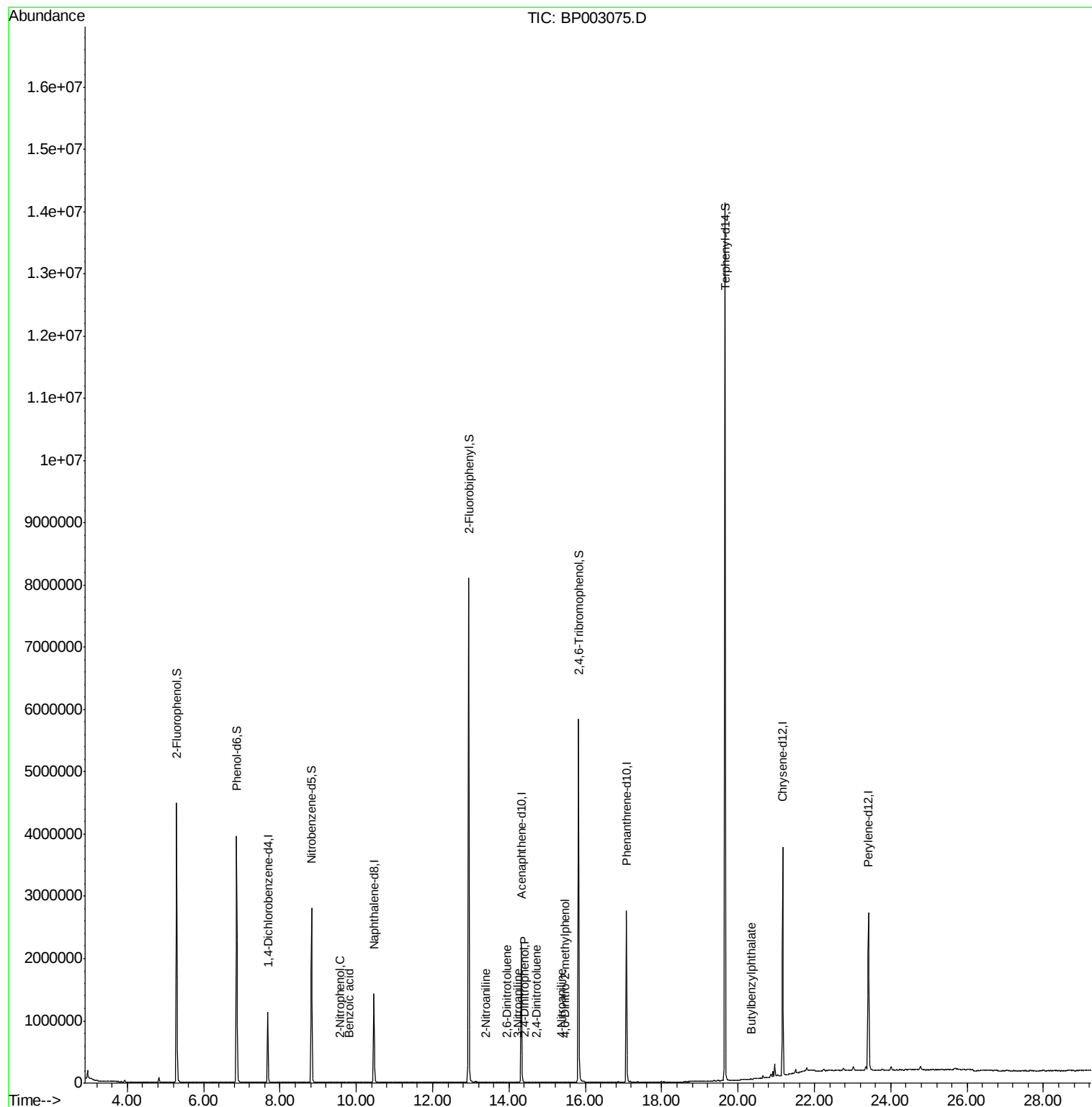
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
26) 2-Nitrophenol	9.56	139	27	4.523	ng	# 1
32) Benzoic acid	9.82	122	25	7.688	ng	# 68
48) 2-Nitroaniline	13.38	65	50	3.975	ng	# 21
51) 2,6-Dinitrotoluene	13.94	165	41	2.902	ng	# 93
53) 3-Nitroaniline	14.23	138	28	3.275	ng	# 85
54) 2,4-Dinitrophenol	14.40	184	35	8.063	ng	# 12
57) 2,4-Dinitrotoluene	14.70	165	83	3.810	ng	# 79
62) 4-Nitroaniline	15.36	138	46	2.419	ng	# 67
65) 4,6-Dinitro-2-methylphenol	15.47	198	15	6.902	ng	# 1
80) Butylbenzylphthalate	20.33	149	632	3.069	ng	# 36

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

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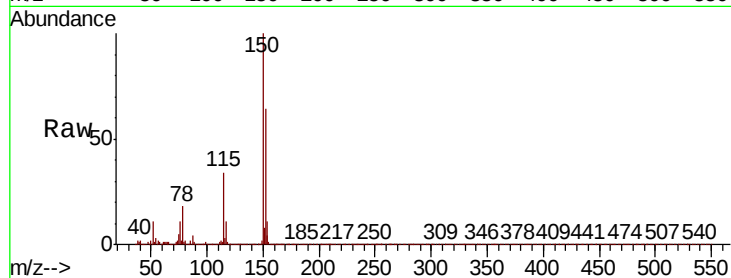


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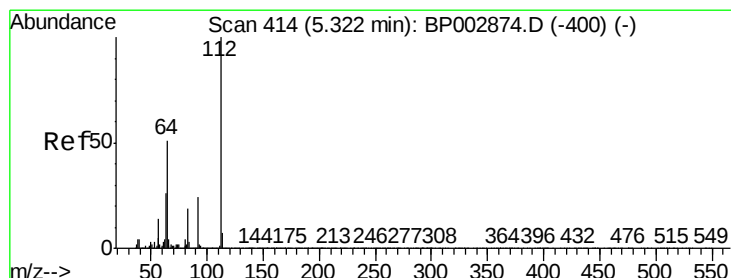
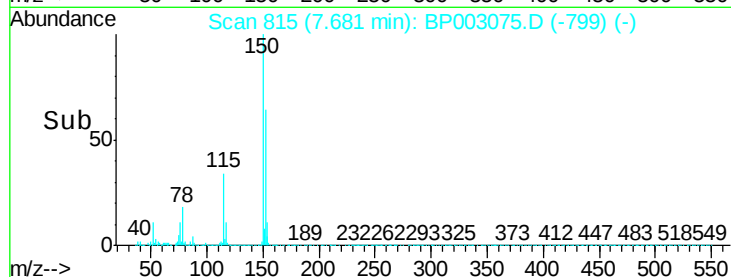
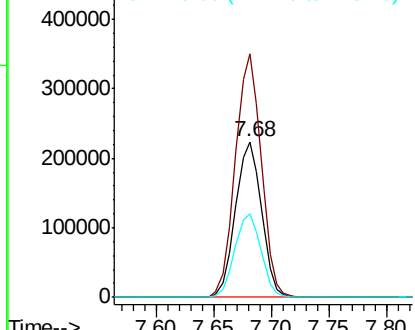
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.68 min Scan# 815
Delta R.T. -0.01 min
Lab File: BP003075.D
Acq: 21 Aug 2020 11:20

Instrument :
BNA_P
ClientSampleId :
PB131124BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.4	126.1	189.1
115	53.7	43.4	65.2



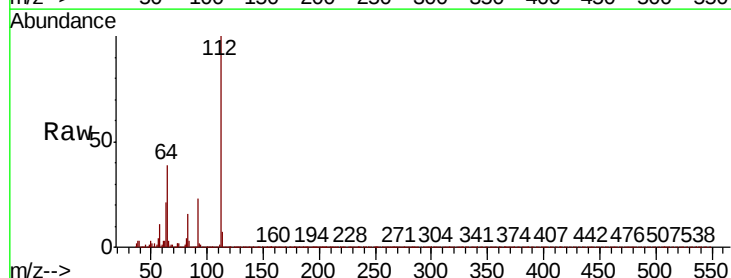
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



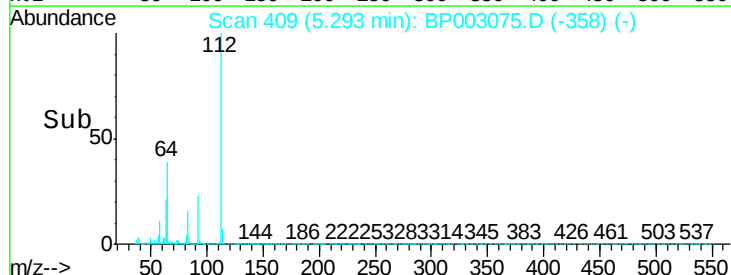
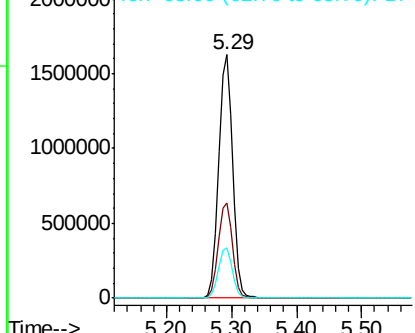
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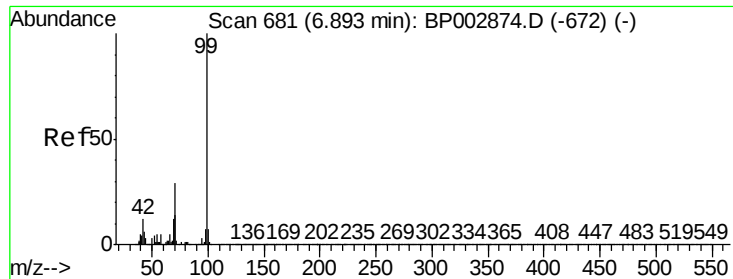
2-Fluorophenol
Concen: 105.692 ng
RT: 5.29 min Scan# 409
Delta R.T. -0.00 min
Lab File: BP003075.D
Acq: 21 Aug 2020 11:20

Tgt Ion	Ratio	Lower	Upper
112	100		
64	39.1	33.4	50.2
63	20.5	17.4	26.0



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BP0
Ion 63.00 (62.70 to 63.70): BP0





#7

Phenol-d6

Concen: 88.429 ng

RT: 6.86 min Scan# 676

Delta R.T. -0.01 min

Lab File: BP003075.D

Acq: 21 Aug 2020 11:20

Instrument :

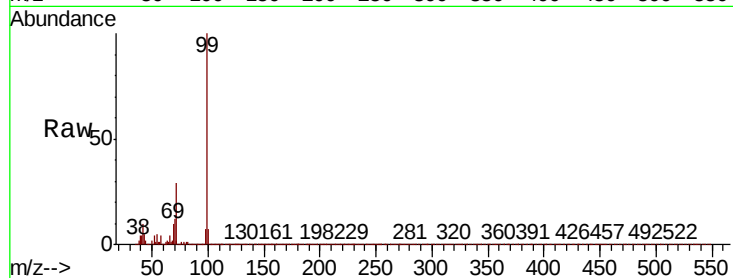
BNA_P

ClientSampleId :

PB131124BL

Tot Ion: 99 Resp: 2809190

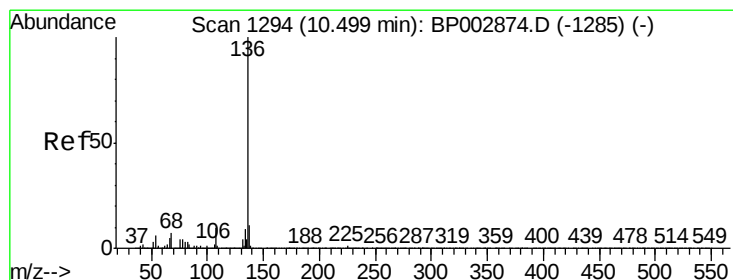
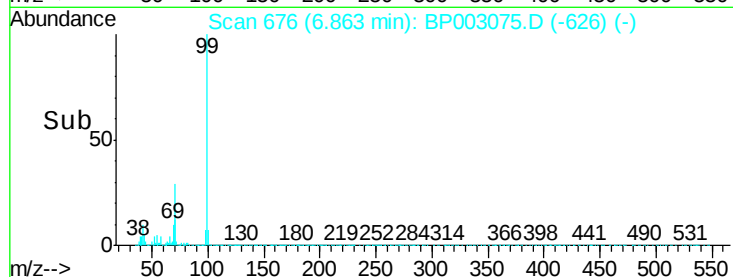
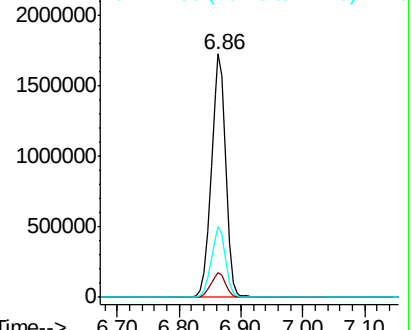
Ion	Ratio	Lower	Upper
99	100		
42	10.4	8.0	12.0
71	29.0	21.3	31.9



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# 1287

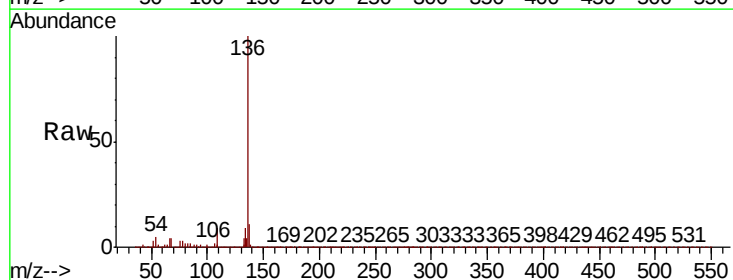
Delta R.T. -0.01 min

Lab File: BP003075.D

Acq: 21 Aug 2020 11:20

Tgt Ion: 136 Resp: 1358936

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	4.7	3.8	5.8
68	4.1	3.8	5.8

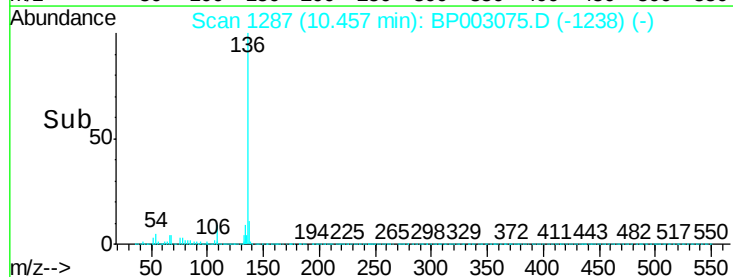
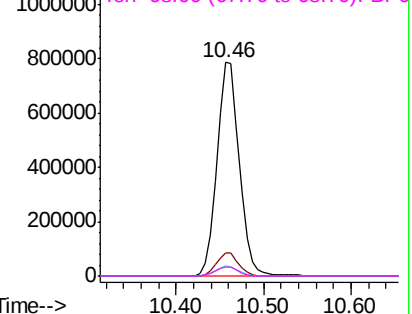


Abundance Ion 136.00 (135.70 to 136.70): E

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



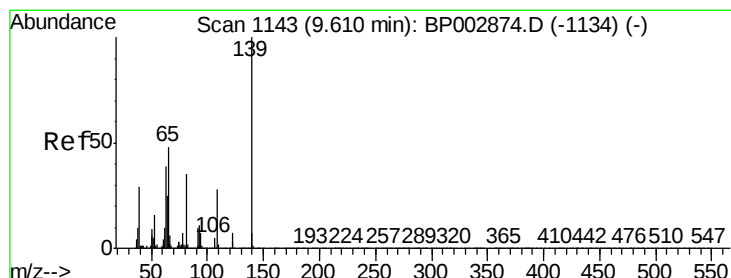
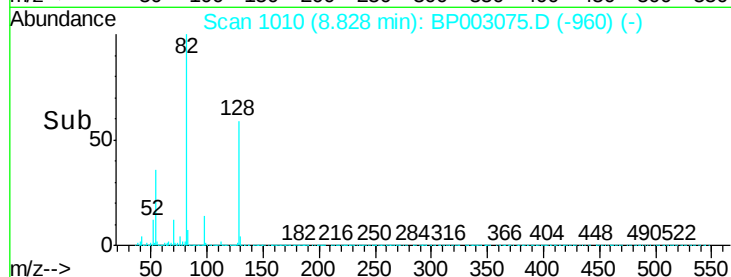
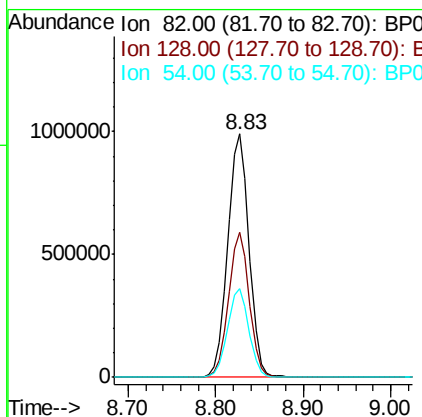
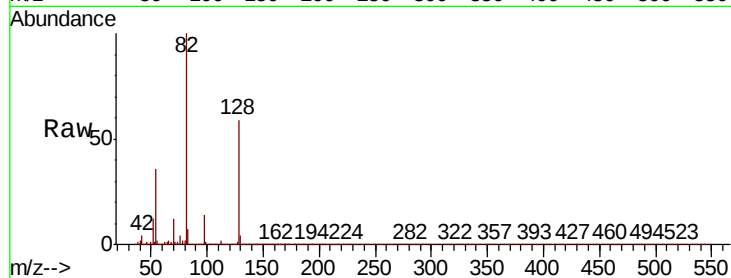


#23
 Nitrobenzene-d5
 Concen: 65.834 ng
 RT: 8.83 min Scan# 1010
 Delta R.T. -0.01 min
 Lab File: BP003075.D
 Acq: 21 Aug 2020 11:20

Instrument :
 BNA_P
 ClientSampleId :
 PB131124BL

Tot Ion: 82 Resp: 1651785

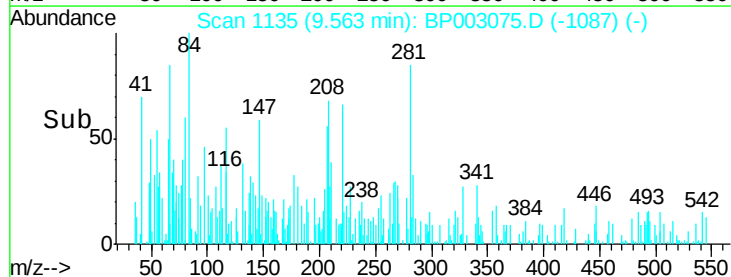
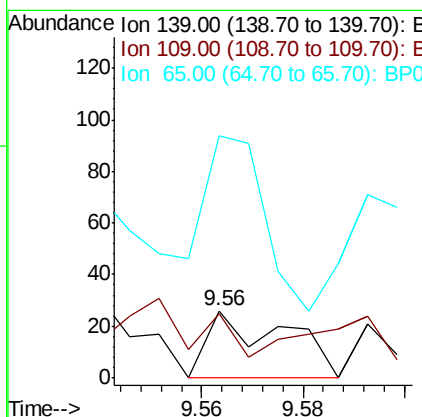
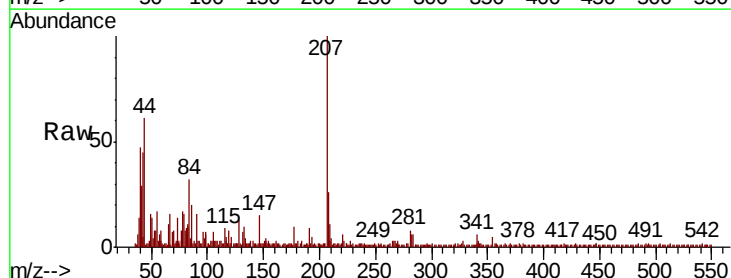
Ion	Ratio	Lower	Upper
82	100		
128	59.5	45.1	67.7
54	36.3	28.8	43.2

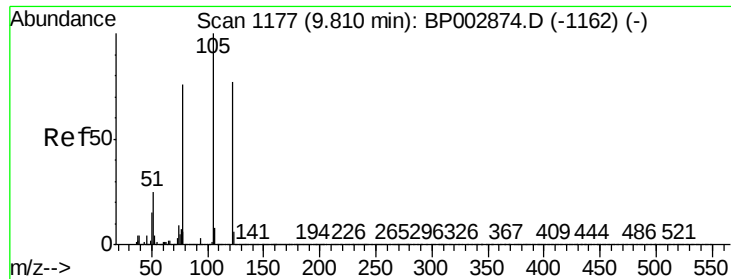


#26
 2-Nitrophenol
 Concen: 4.523 ng
 RT: 9.56 min Scan# 1135
 Delta R.T. -0.02 min
 Lab File: BP003075.D
 Acq: 21 Aug 2020 11:20

Tgt Ion: 139 Resp: 27

Ion	Ratio	Lower	Upper
139	100		
109	96.2	21.0	31.6#
65	361.5	27.2	40.8#

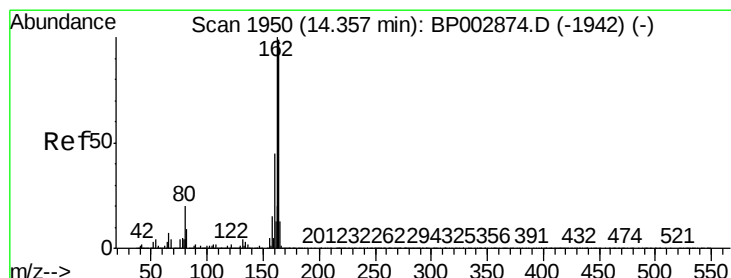
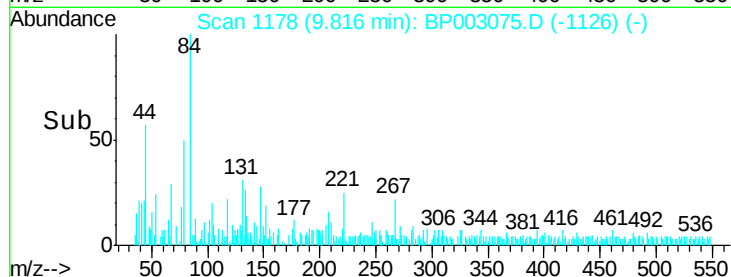
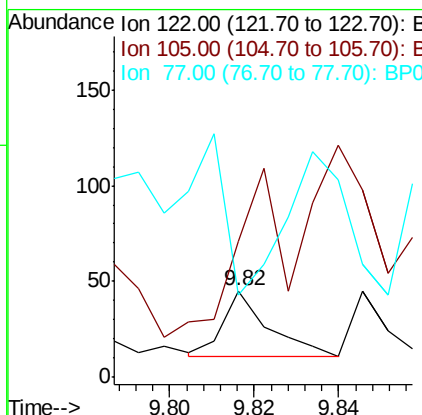
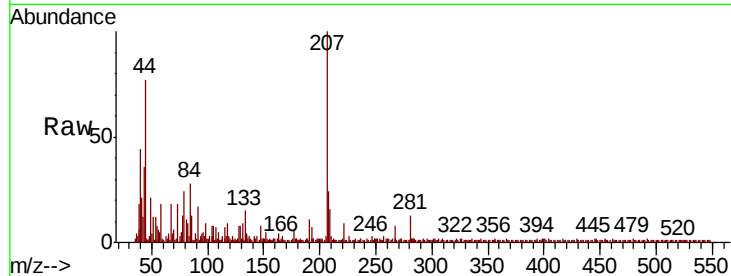




#32
Benzoic acid
Concen: 7.688 ng
RT: 9.82 min Scan# 1178
Delta R.T. 0.01 min
Lab File: BP003075.D
Acq: 21 Aug 2020 11:20

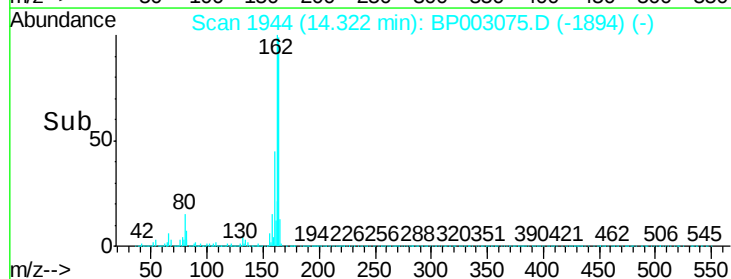
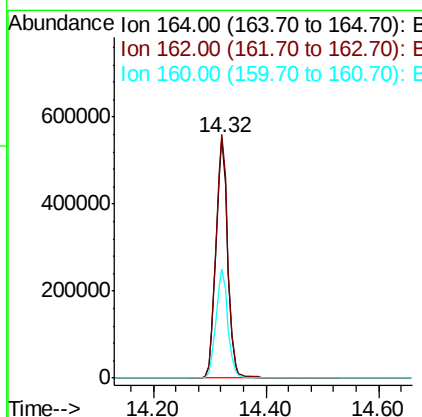
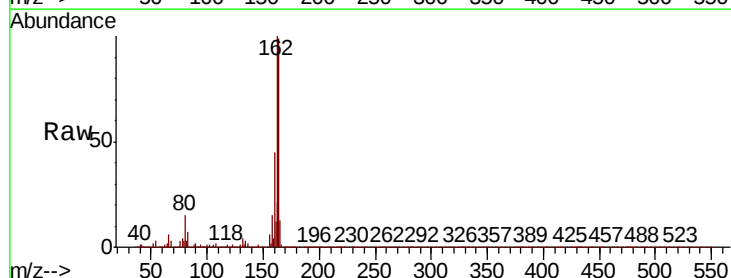
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BNA_P
ClientSampleId :
PB131124BL

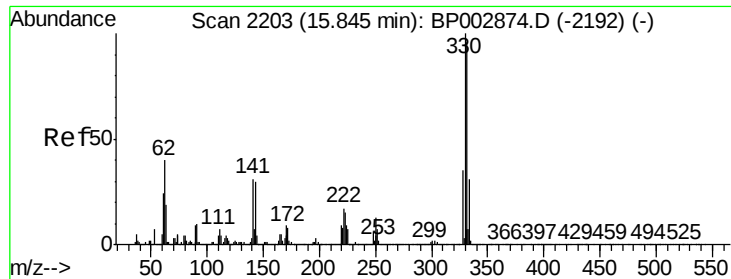
Tot Ion	Ratio	Lower	Upper
122	100		
105	157.8	96.2	136.2#
77	95.6	55.6	95.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.32 min Scan# 1944
Delta R.T. -0.01 min
Lab File: BP003075.D
Acq: 21 Aug 2020 11:20

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.3	81.4	122.0
160	45.4	35.5	53.3

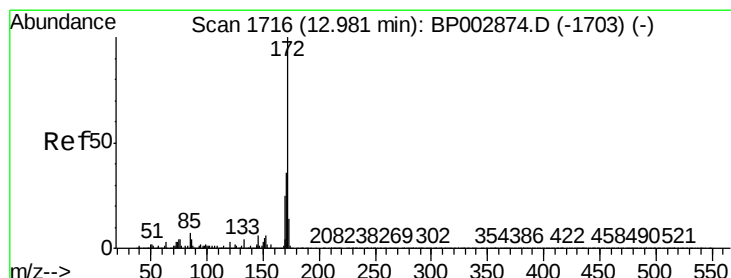
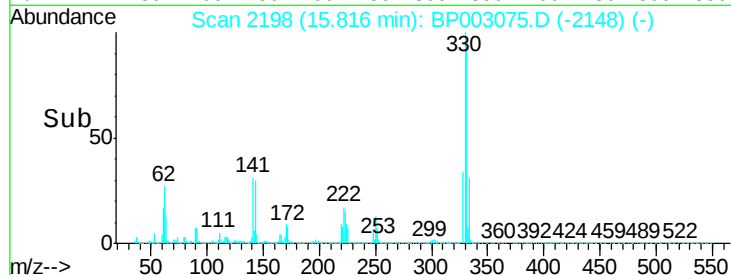
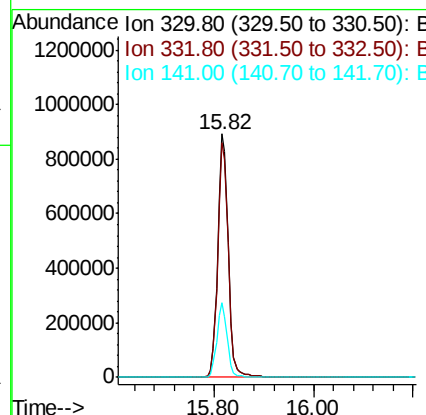
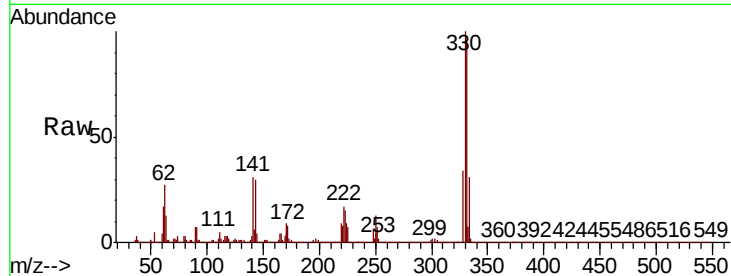




#42
 2,4,6-Tribromophenol
 Concen: 132.808 ng
 RT: 15.82 min Scan# 2198
 Delta R.T. -0.01 min
 Lab File: BP003075.D
 Acq: 21 Aug 2020 11:20

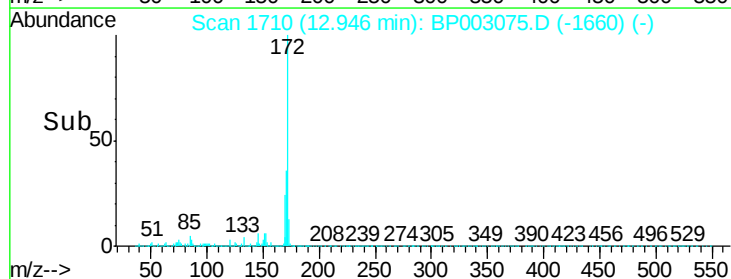
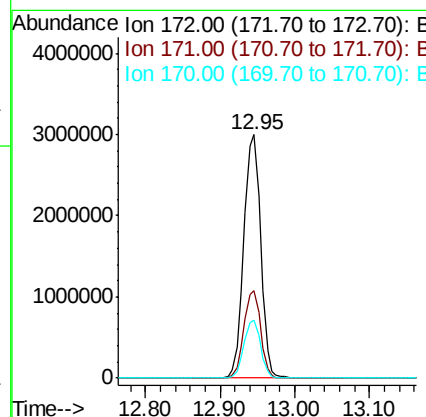
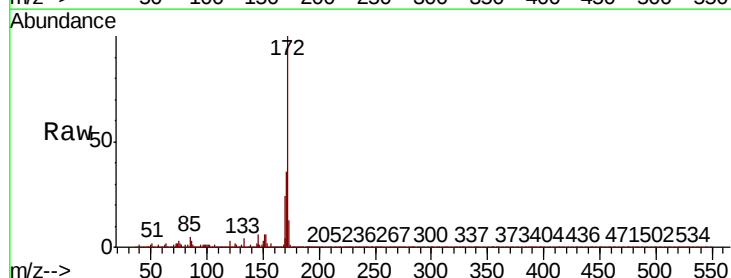
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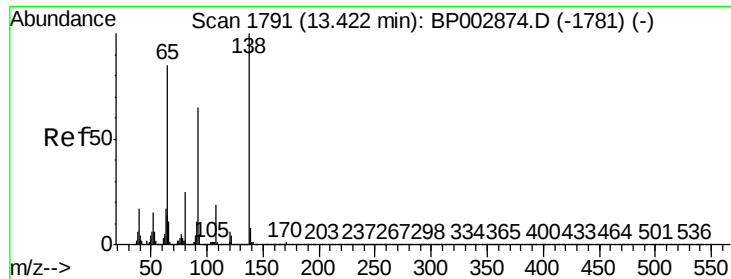
Tot Ion:330 Resp: 1327367
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.0 115.6
 141 30.4 26.7 40.1



#45
 2-Fluorobiphenyl
 Concen: 79.915 ng
 RT: 12.95 min Scan# 1710
 Delta R.T. -0.01 min
 Lab File: BP003075.D
 Acq: 21 Aug 2020 11:20

Tgt Ion:172 Resp: 4703476
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.0 43.4
 170 23.9 19.1 28.7

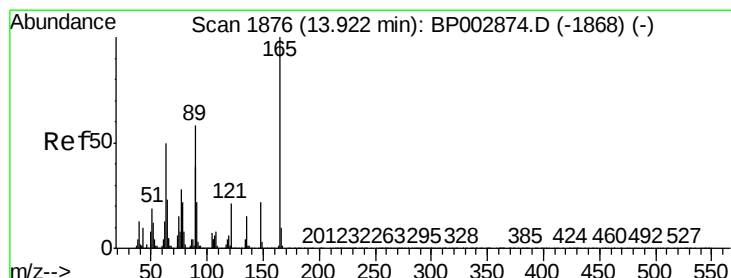
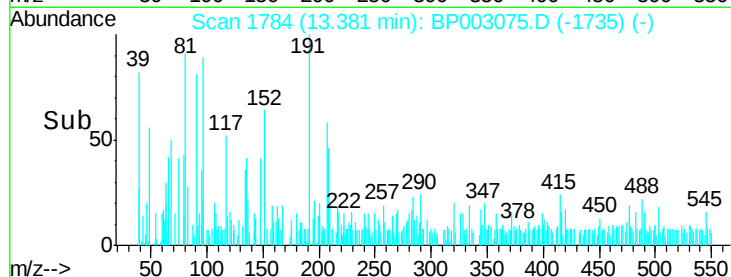
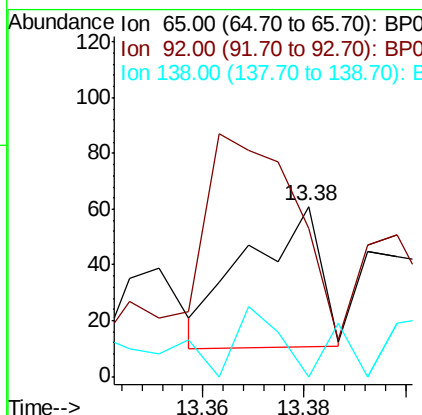
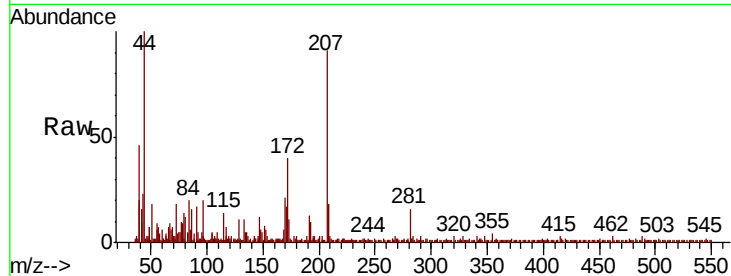




#48
2-Nitroaniline
Concen: 3.975 ng
RT: 13.38 min Scan# 1784
Delta R.T. -0.01 min
Lab File: BP003075.D
Acq: 21 Aug 2020 11:20

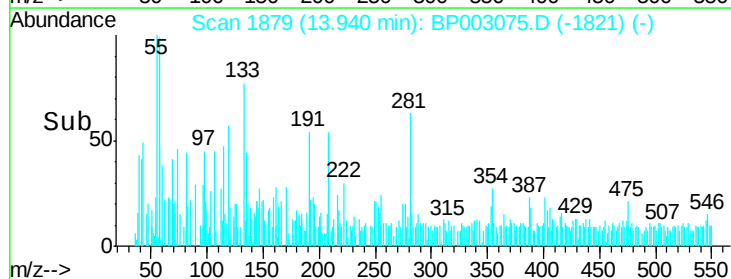
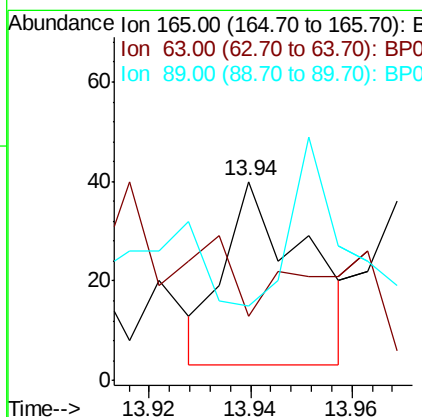
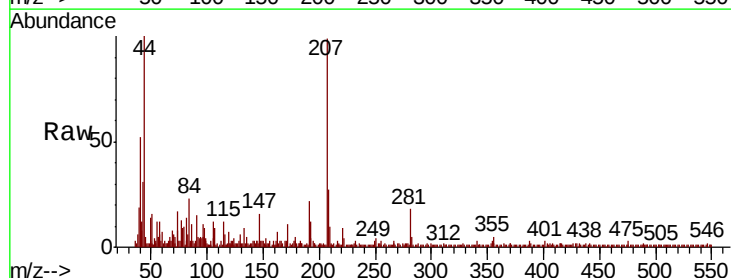
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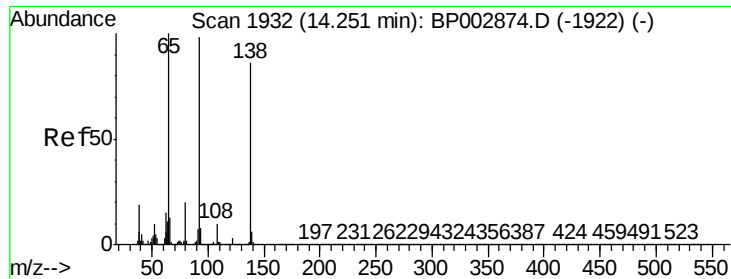
Tot Ion: 65 Resp: 50
Ion Ratio Lower Upper
65 100
92 86.9 70.1 105.1
138 0.0 129.7 194.5#



#51
2,6-Dinitrotoluene
Concen: 2.902 ng
RT: 13.94 min Scan# 1879
Delta R.T. 0.04 min
Lab File: BP003075.D
Acq: 21 Aug 2020 11:20

Tgt Ion: 165 Resp: 41
Ion Ratio Lower Upper
165 100
63 32.5 28.1 42.1
89 37.5 34.5 51.7

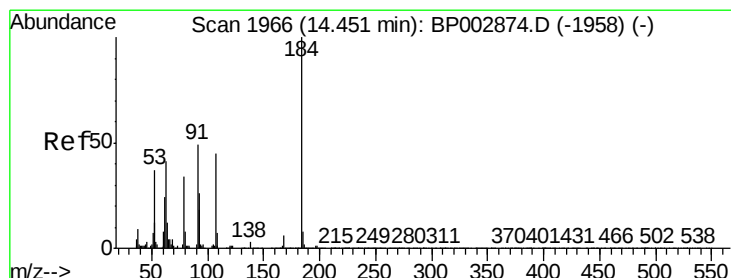
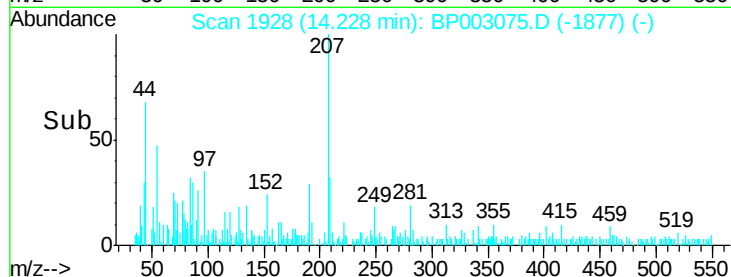
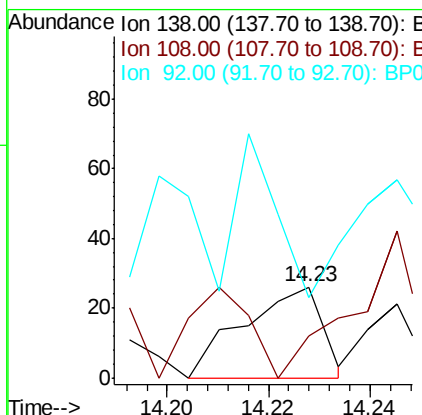
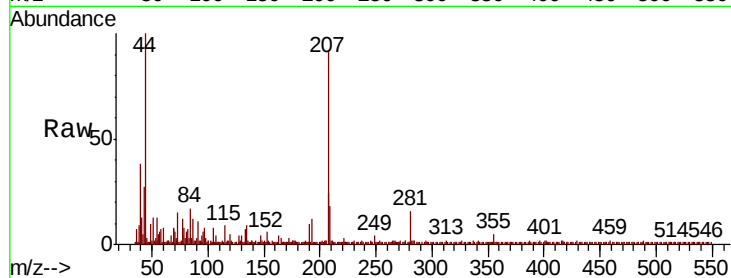




#53
 3-Nitroaniline
 Concen: 3.275 ng
 RT: 14.23 min Scan# 1928
 Delta R.T. -0.00 min
 Lab File: BP003075.D
 Acq: 21 Aug 2020 11:20

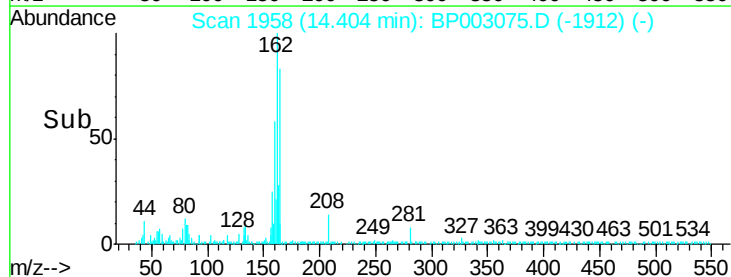
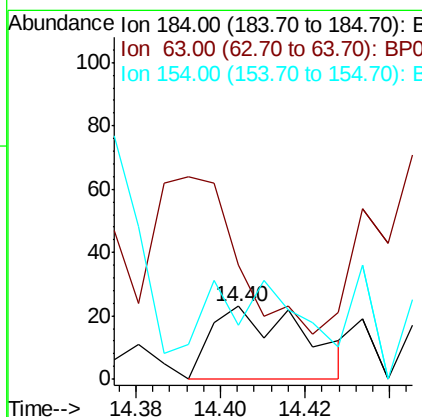
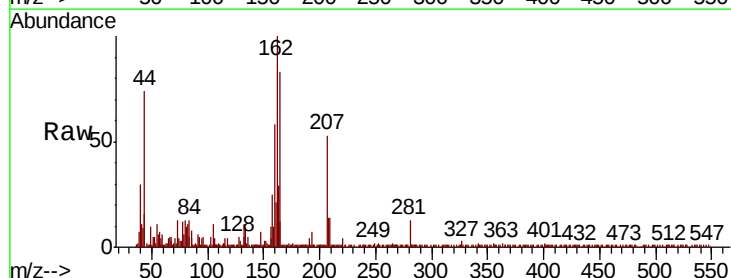
Instrument :
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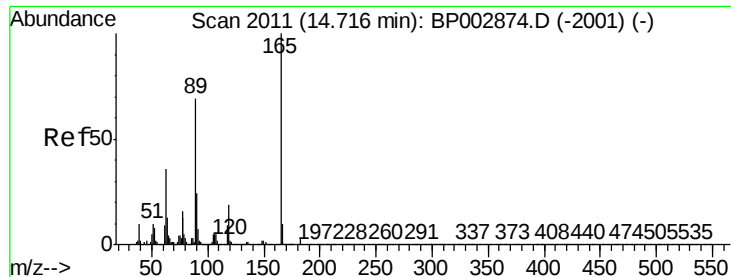
Tot Ion:138 Resp: 28
 Ion Ratio Lower Upper
 138 100
 108 46.2 7.7 11.5#
 92 88.5 75.6 113.4



#54
 2,4-Dinitrophenol
 Concen: 8.063 ng
 RT: 14.40 min Scan# 1958
 Delta R.T. -0.03 min
 Lab File: BP003075.D
 Acq: 21 Aug 2020 11:20

Tgt Ion:184 Resp: 35
 Ion Ratio Lower Upper
 184 100
 63 156.5 33.0 49.6#
 154 73.9 46.8 70.2#





#57

2,4-Dinitrotoluene

Concen: 3.810 ng

RT: 14.70 min Scan# 2009

Delta R.T. 0.01 min

Lab File: BP003075.D

Acq: 21 Aug 2020 11:20

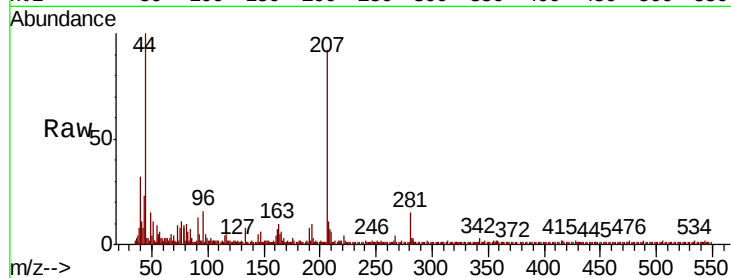
Instrument :

BNA_P

ClientSampleId :

PB131124BL

Tot Ion:165	Resp:	83
Ion Ratio	Lower	Upper
165	100	
63	41.1	20.6 31.0#
89	64.4	43.4 65.0
182	26.0	2.3 3.5#

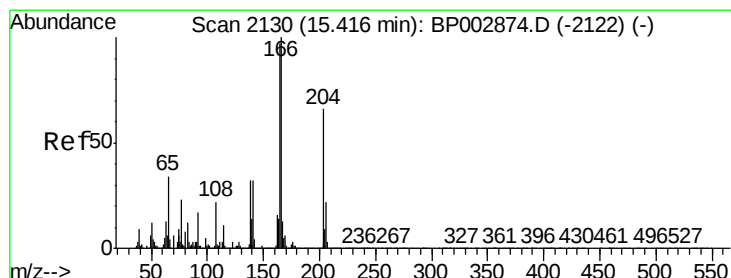
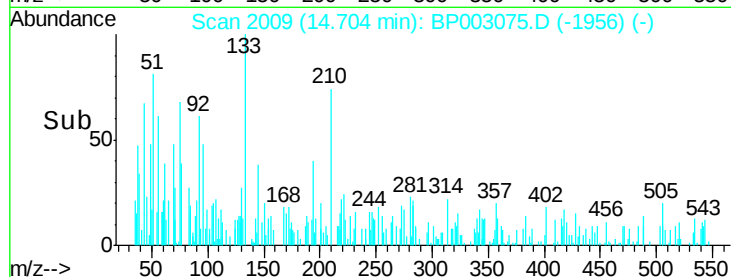
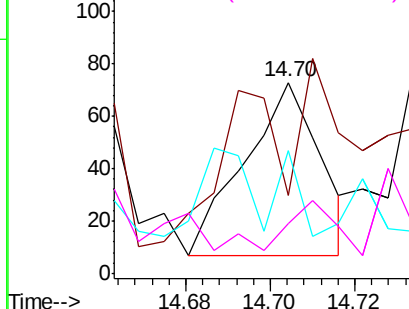


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BP0

Ion 89.00 (88.70 to 89.70): BP0

Ion 182.00 (181.70 to 182.70): E



#62

4-Nitroaniline

Concen: 2.419 ng

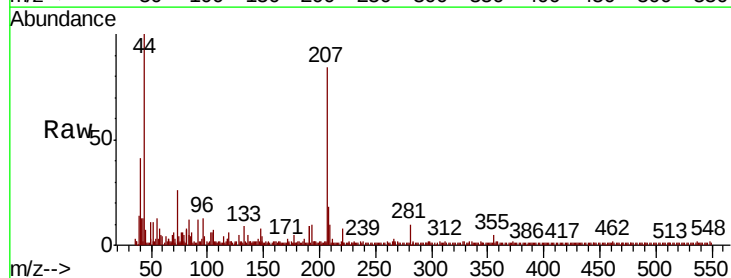
RT: 15.36 min Scan# 2120

Delta R.T. -0.04 min

Lab File: BP003075.D

Acq: 21 Aug 2020 11:20

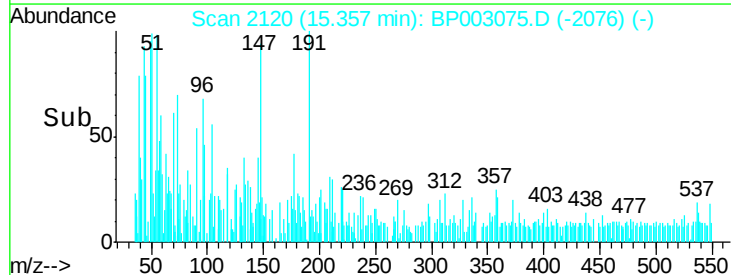
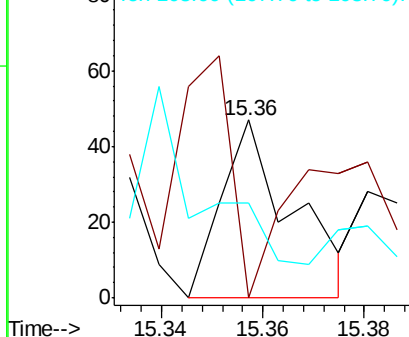
Tgt Ion:138	Resp:	46
Ion Ratio	Lower	Upper
138	100	
92	0.0	21.4 61.4#
108	53.2	40.8 80.8

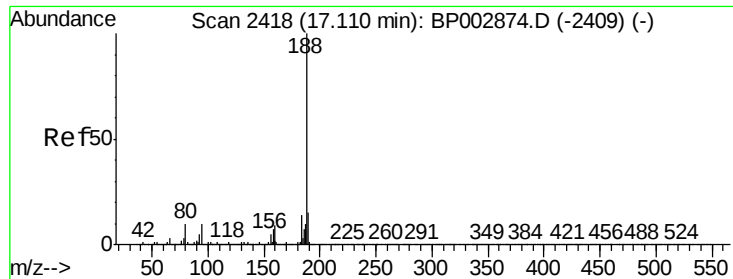


Abundance Ion 138.00 (137.70 to 138.70): E

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: BP003075.D

Acq: 21 Aug 2020 11:20

Instrument :

BNA_P

ClientSampleId :

PB131124BL

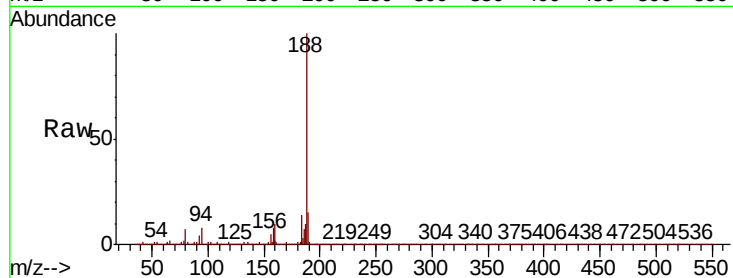
Tot Ion:188 Resp: 1743757

Ion Ratio Lower Upper

188 100

94 7.9 7.1 10.7

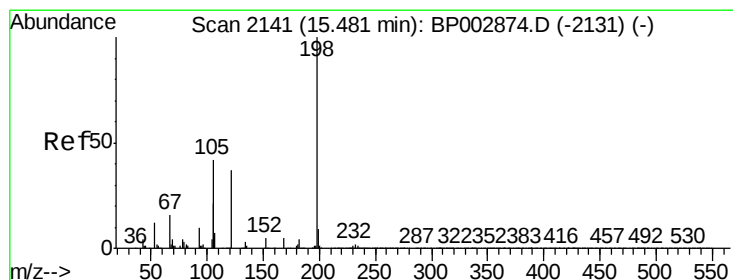
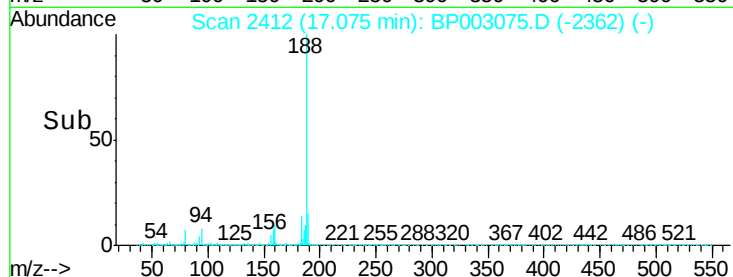
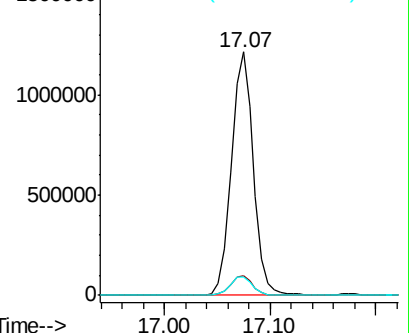
80 7.5 6.7 10.1



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: 6.902 ng

RT: 15.47 min Scan# 2139

Delta R.T. 0.01 min

Lab File: BP003075.D

Acq: 21 Aug 2020 11:20

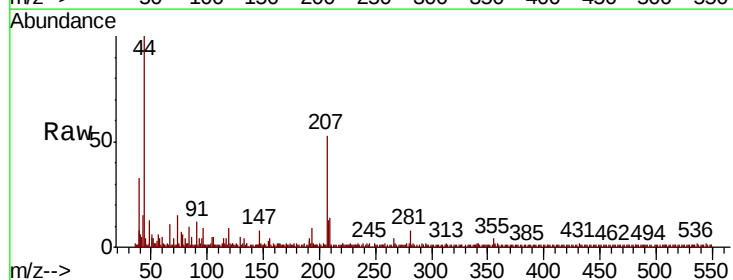
Tgt Ion:198 Resp: 15

Ion Ratio Lower Upper

198 100

51 269.2 6.2 46.2#

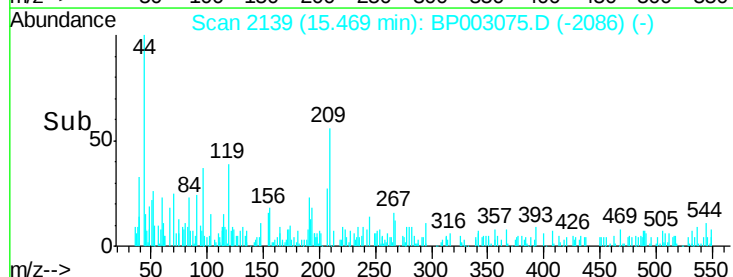
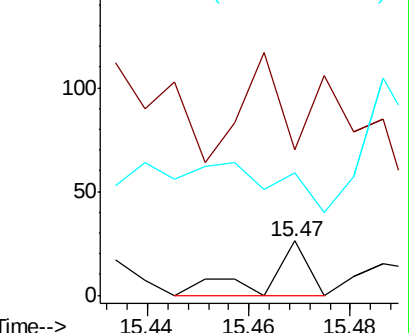
105 226.9 19.9 59.9#

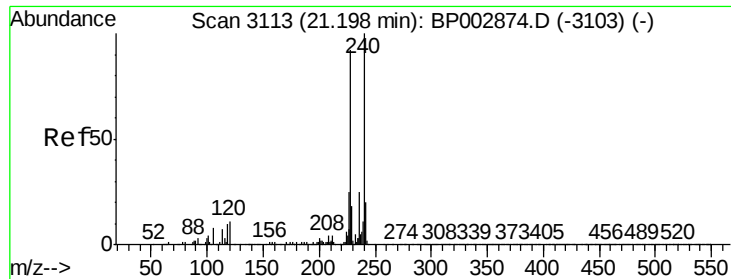


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BP0

Ion 105.00 (104.70 to 105.70): E

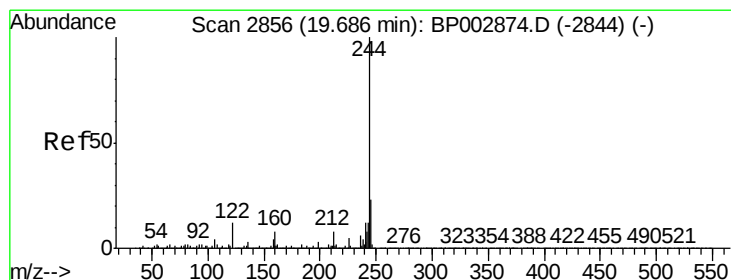
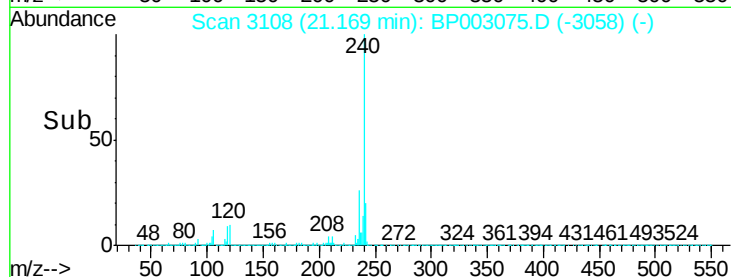
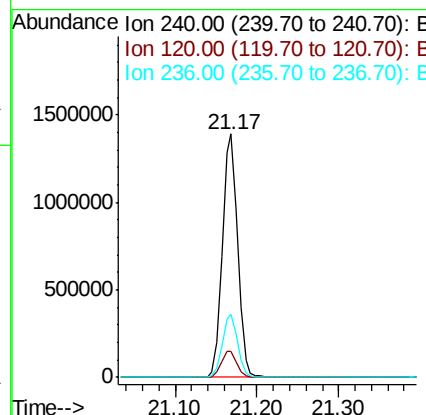
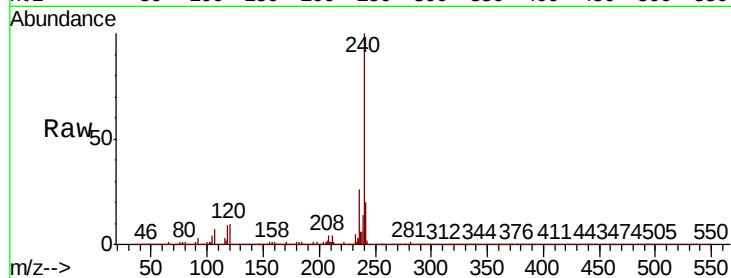




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.17 min Scan# 3108
Delta R.T. -0.01 min
Lab File: BP003075.D
Acq: 21 Aug 2020 11:20

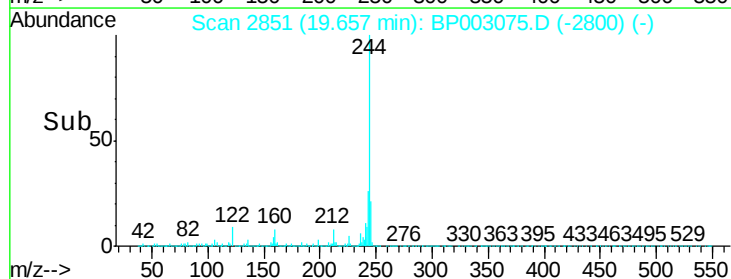
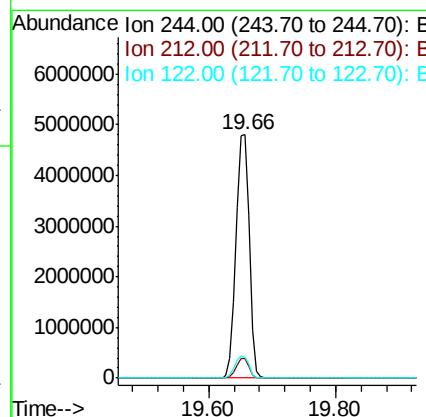
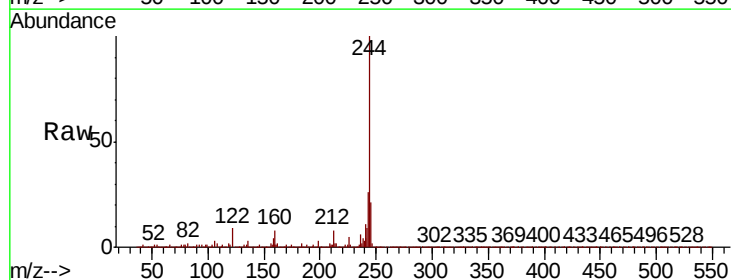
Instrument :
BNA_P
ClientSampleId :
PB131124BL

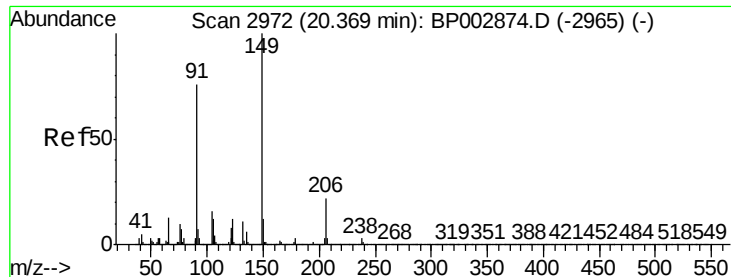
Tot Ion:240 Resp: 1815266
Ion Ratio Lower Upper
240 100
120 10.4 9.5 14.3
236 26.2 20.8 31.2



#79
Terphenyl-d14
Concen: 75.351 ng
RT: 19.66 min Scan# 2851
Delta R.T. -0.00 min
Lab File: BP003075.D
Acq: 21 Aug 2020 11:20

Tgt Ion:244 Resp: 6832378
Ion Ratio Lower Upper
244 100
212 8.1 6.3 9.5
122 8.5 8.7 13.1#

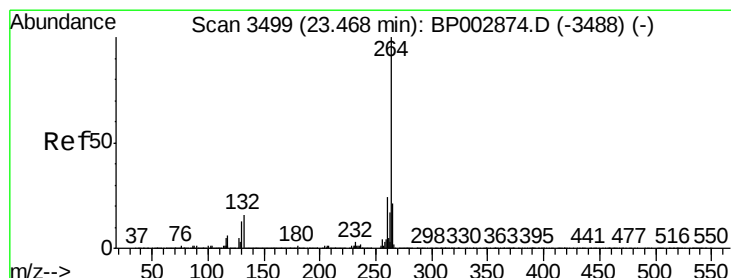
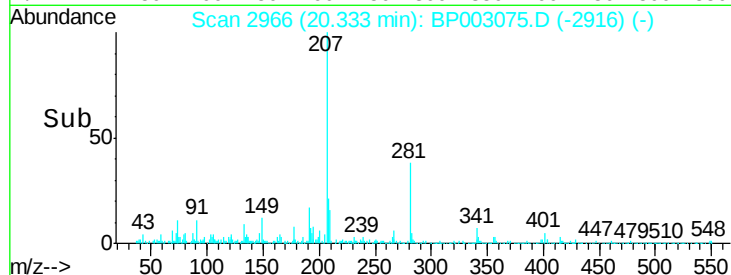
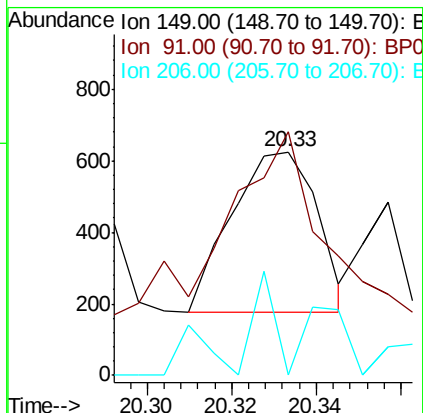
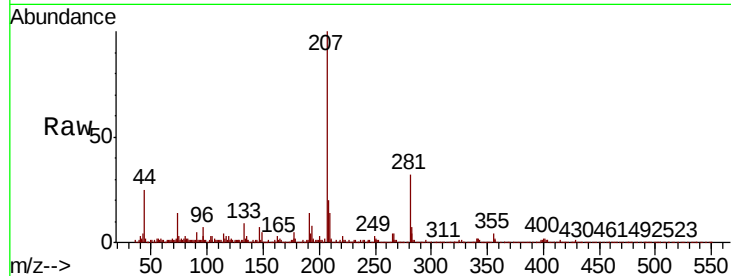




#80
Butylbenzylphthalate
Concen: 3.069 ng
RT: 20.33 min Scan# 2966
Delta R.T. -0.01 min
Lab File: BP003075.D
Acq: 21 Aug 2020 11:20

Instrument :
BNA_P
ClientSampleId :
PB131124BL

Tot Ion:149 Resp: 632
Ion Ratio Lower Upper
149 100
91 109.1 45.3 67.9#
206 0.0 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: BP003075.D
Acq: 21 Aug 2020 11:20

Tgt Ion:264 Resp: 1931843
Ion Ratio Lower Upper
264 100
260 23.4 19.2 28.8
265 21.6 17.3 25.9

