

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP081220\
 Data File : BP002947.D
 Acq On : 12 Aug 2020 13:07
 Operator : CG/JU
 Sample : PB130914BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB130914BL

Quant Time: Aug 12 16:12:25 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP073020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 11 17:14:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	584927	20.00	ng	0.00
21) Naphthalene-d8	10.48	136	2250004	20.00	ng	0.00
39) Acenaphthene-d10	14.34	164	1217923	20.00	ng	0.00
64) Phenanthrene-d10	17.09	188	2288390	20.00	ng	0.00
76) Chrysene-d12	21.18	240	1741155	20.00	ng	0.00
86) Perylene-d12	23.44	264	1578303	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.31	112	3736983	97.78	ng	0.00
7) Phenol-d6	6.88	99	4354290	82.06	ng	0.00
23) Nitrobenzene-d5	8.85	82	2541414	61.18	ng	0.00
42) 2,4,6-Tribromophenol	15.83	330	1368502	90.41	ng	0.00
45) 2-Fluorobiphenyl	12.96	172	6327583	70.98	ng	0.00
79) Terphenyl-d14	19.67	244	6380002	73.36	ng	0.00

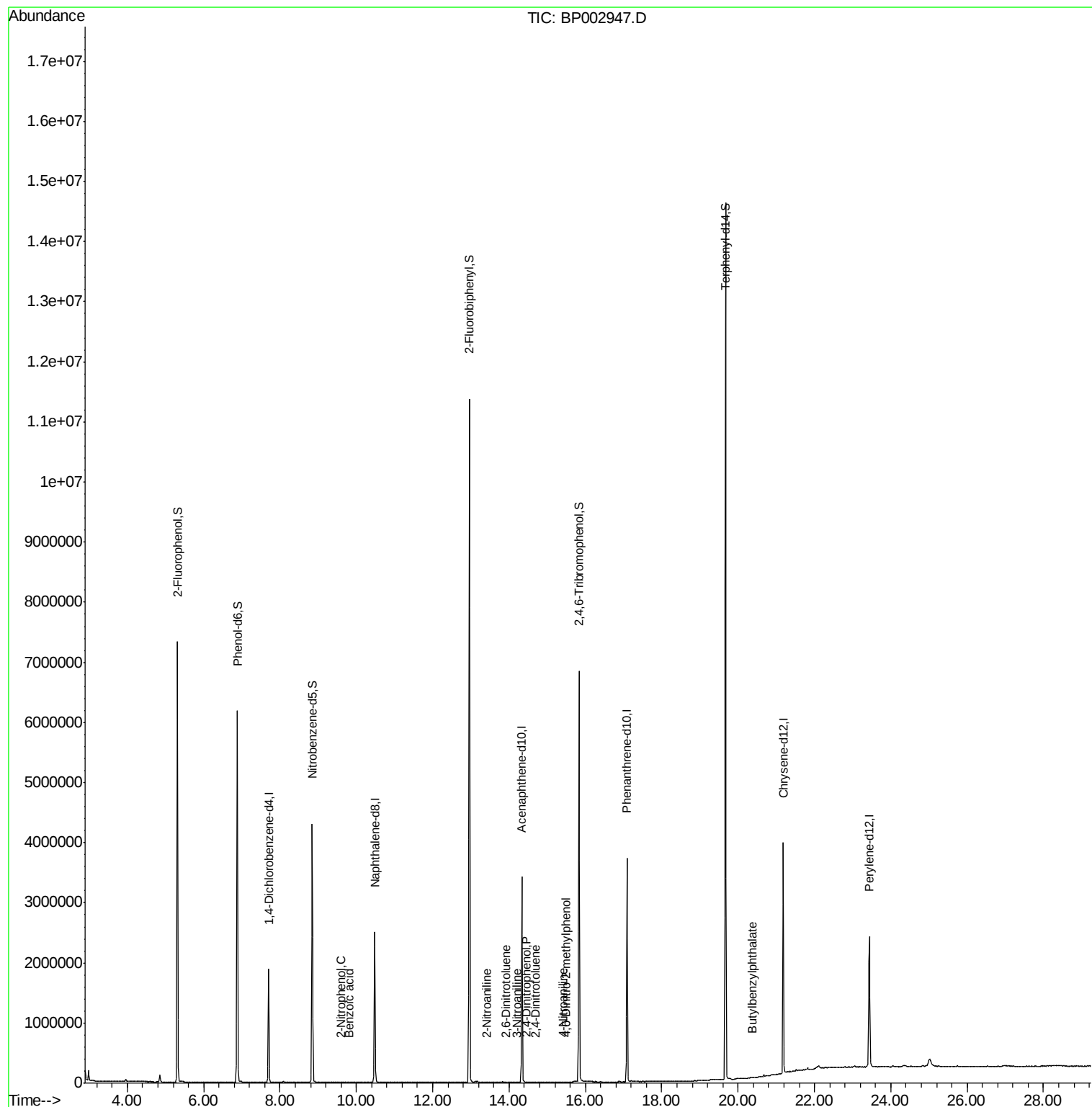
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
26) 2-Nitrophenol	9.60	139	22	4.522	ng	# 1
32) Benzoic acid	9.82	122	39	7.688	ng	# 1
48) 2-Nitroaniline	13.41	65	90	3.976	ng	# 8
51) 2,6-Dinitrotoluene	13.92	165	55	2.902	ng	# 51
53) 3-Nitroaniline	14.21	138	58	3.276	ng	# 56
54) 2,4-Dinitrophenol	14.44	184	15	8.059	ng	# 1
57) 2,4-Dinitrotoluene	14.71	165	120	3.810	ng	# 38
62) 4-Nitroaniline	15.41	138	23	2.417	ng	# 1
65) 4,6-Dinitro-2-methylphenol	15.49	198	126	6.909	ng	# 1
80) Butylbenzylphthalate	20.36	149	69	3.059	ng	# 40

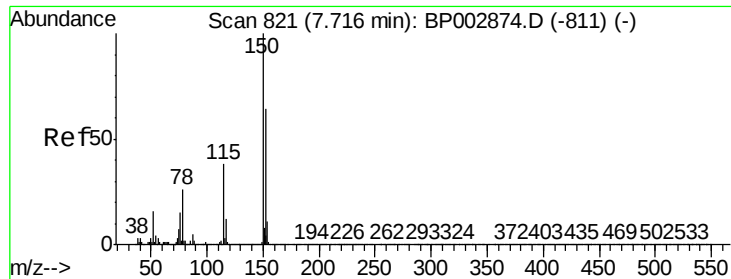
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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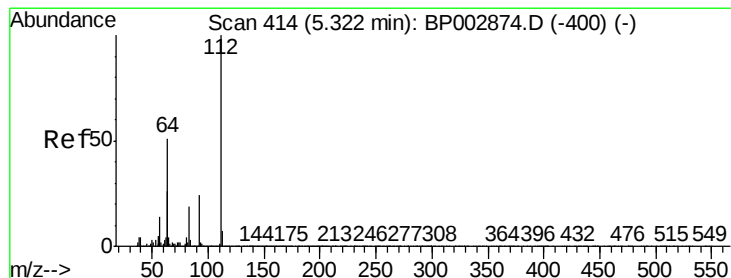
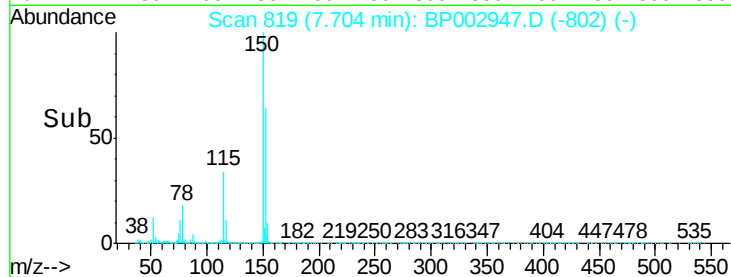
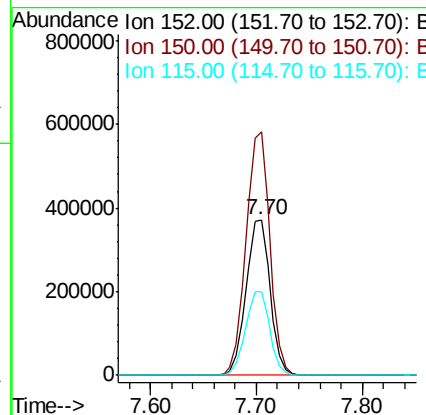
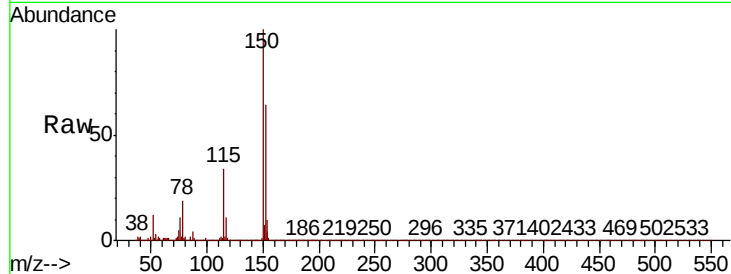


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.70 min Scan# 819
Delta R.T. -0.00 min
Lab File: BP002947.D
Acq: 12 Aug 2020 13:07

Instrument :
BNA_P
ClientSampleId :
PB130914BL

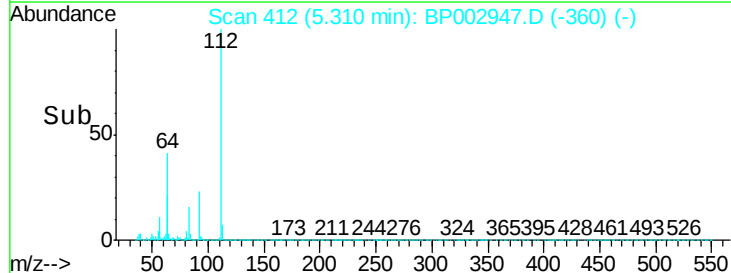
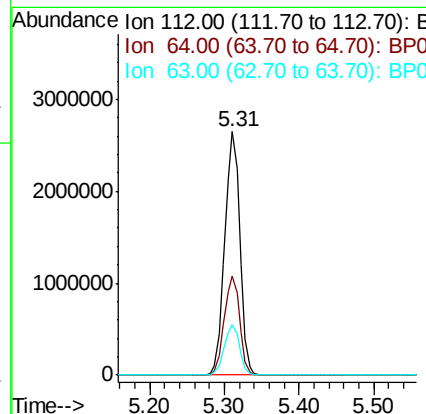
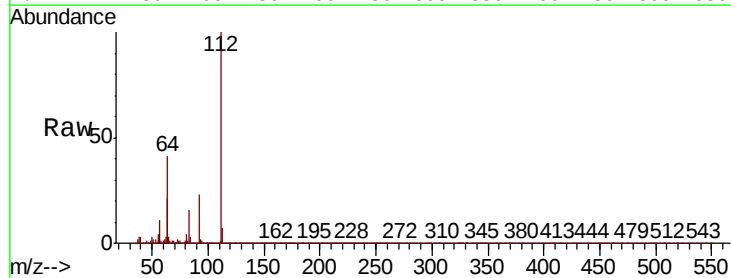
Tot Ion	Ratio	Lower	Upper
152	100		
150	156.2	124.2	186.4
115	53.5	42.1	63.1

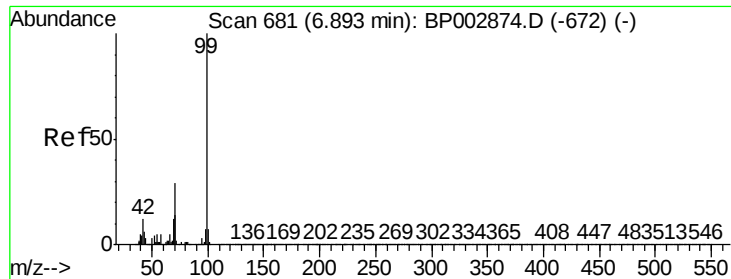


#5

2-Fluorophenol
Concen: 97.780 ng
RT: 5.31 min Scan# 412
Delta R.T. 0.01 min
Lab File: BP002947.D
Acq: 12 Aug 2020 13:07

Tgt Ion	Ratio	Lower	Upper
112	100		
64	40.8	33.8	50.8
63	20.7	17.2	25.8





#7

Phenol-d6

Concen: 82.062 ng

RT: 6.88 min Scan# 679

Delta R.T. -0.00 min

Lab File: BP002947.D

Acq: 12 Aug 2020 13:07

Instrument :

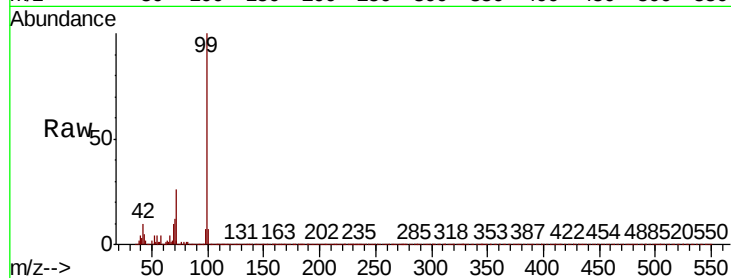
BNA_P

ClientSampleId :

PB130914BL

Tot Ion: 99 Resp: 4354290

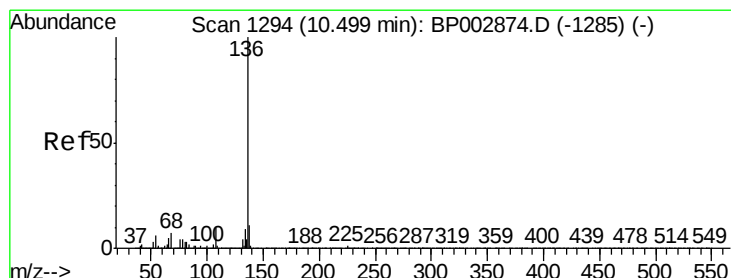
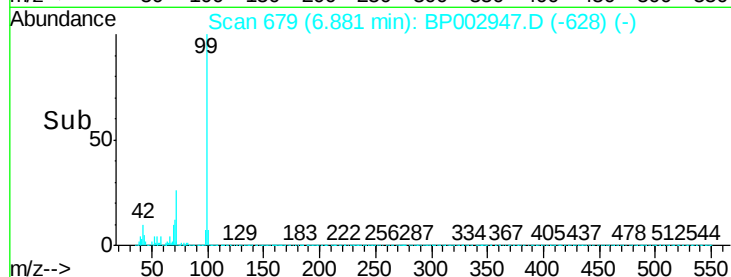
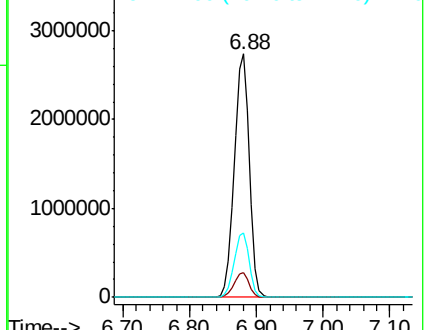
Ion	Ratio	Lower	Upper
99	100		
42	9.9	8.1	12.1
71	26.3	21.0	31.4



Abundance Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.48 min Scan# 1291

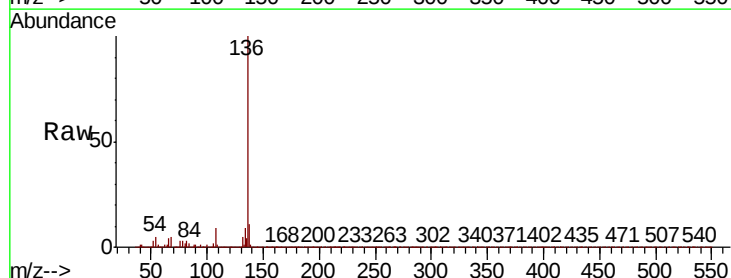
Delta R.T. -0.00 min

Lab File: BP002947.D

Acq: 12 Aug 2020 13:07

Tgt Ion: 136 Resp: 2250004

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.4
54	4.7	3.9	5.9
68	4.8	3.8	5.8

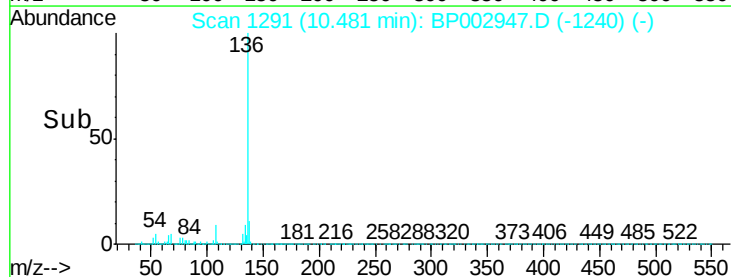
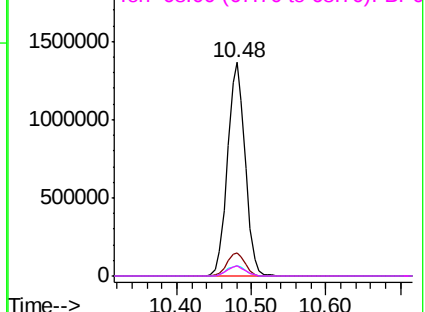


Abundance Ion 136.00 (135.70 to 136.70): E

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

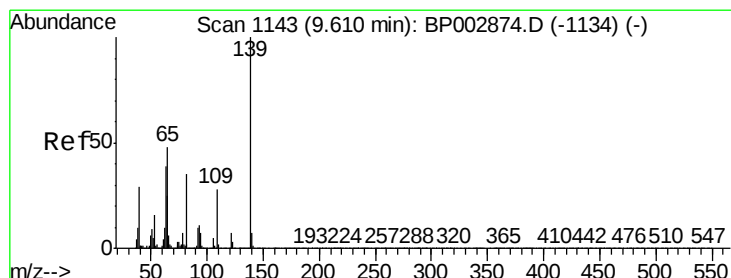
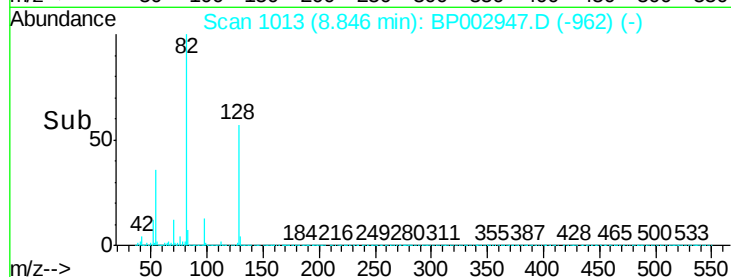
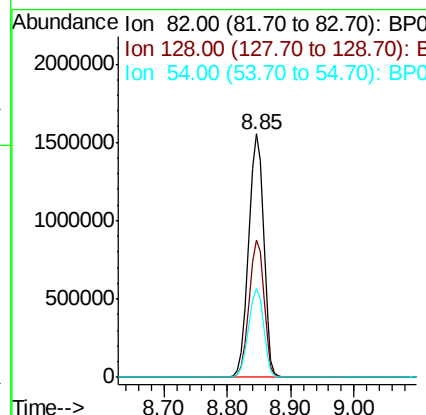
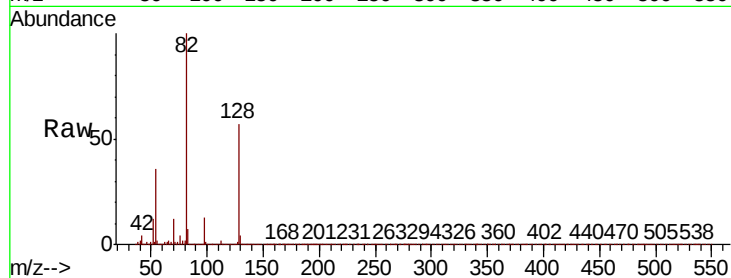




#23
 Nitrobenzene-d5
 Concen: 61.177 ng
 RT: 8.85 min Scan# 1013
 Delta R.T. -0.00 min
 Lab File: BP002947.D
 Acq: 12 Aug 2020 13:07

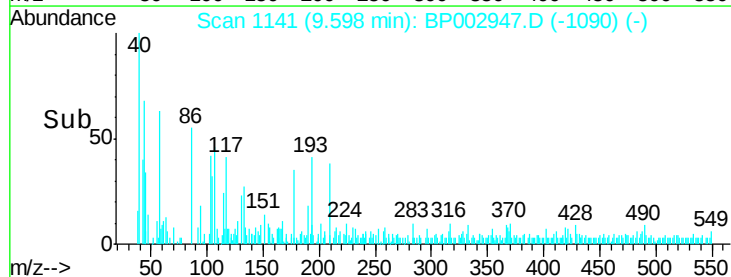
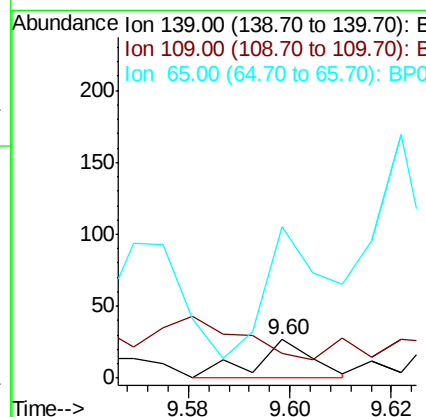
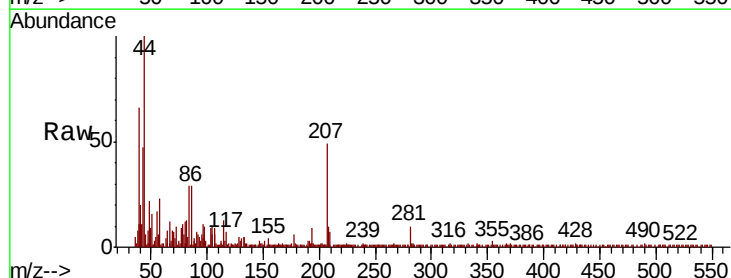
Instrument :
 BNA_P
 ClientSampleId :
 PB130914BL

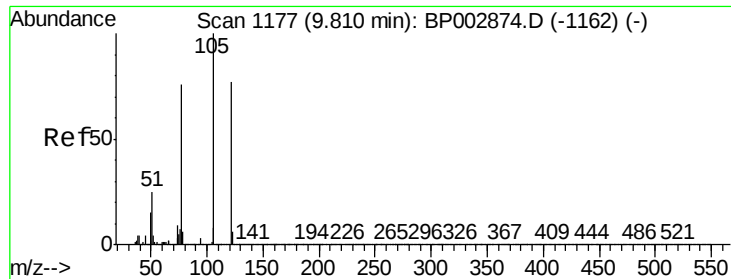
Tot Ion: 82 Resp: 2541414
 Ion Ratio Lower Upper
 82 100
 128 56.6 44.6 66.8
 54 36.3 29.2 43.8



#26
 2-Nitrophenol
 Concen: 4.522 ng
 RT: 9.60 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: BP002947.D
 Acq: 12 Aug 2020 13:07

Tgt Ion: 139 Resp: 22
 Ion Ratio Lower Upper
 139 100
 109 63.0 19.5 29.3#
 65 388.9 26.6 40.0#

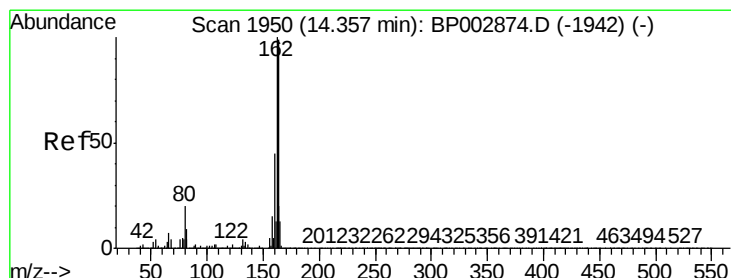
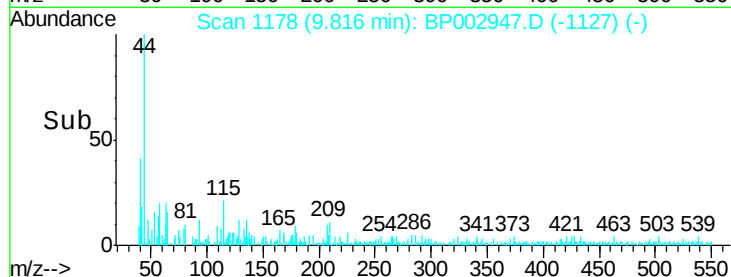
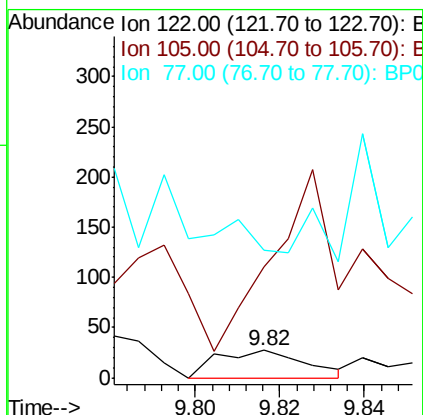
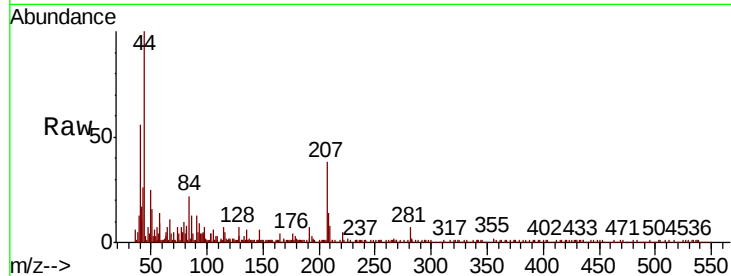




#32
Benzoic acid
Concen: 7.688 ng
RT: 9.82 min Scan# 1178
Delta R.T. -0.00 min
Lab File: BP002947.D
Acq: 12 Aug 2020 13:07

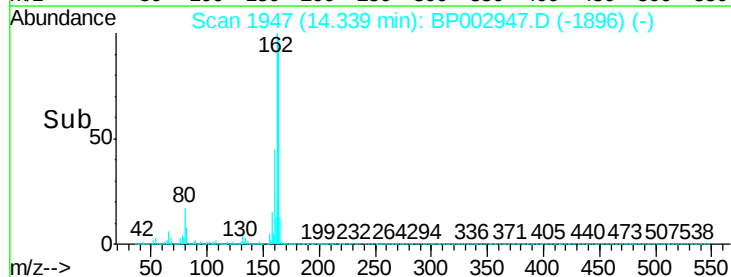
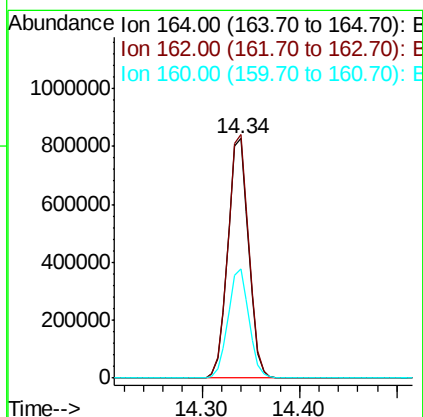
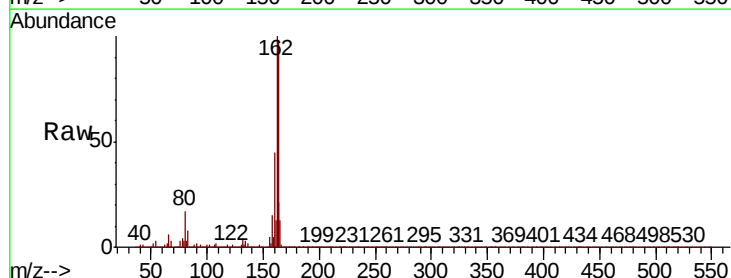
Instrument :
BNA_P
ClientSampleId :
PB130914BL

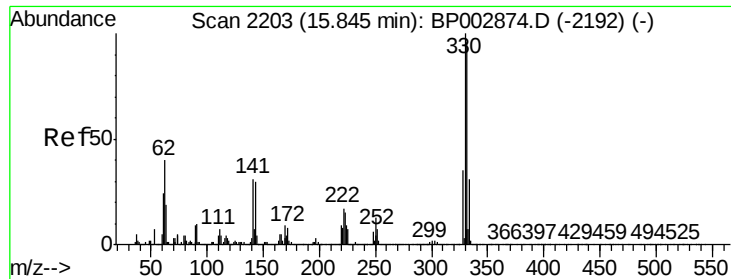
Tot Ion:122 Resp: 39
Ion Ratio Lower Upper
122 100
105 407.4 95.8 135.8#
77 470.4 54.7 94.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.34 min Scan# 1947
Delta R.T. -0.00 min
Lab File: BP002947.D
Acq: 12 Aug 2020 13:07

Tgt Ion:164 Resp: 1217923
Ion Ratio Lower Upper
164 100
162 101.7 81.0 121.4
160 45.4 36.2 54.4

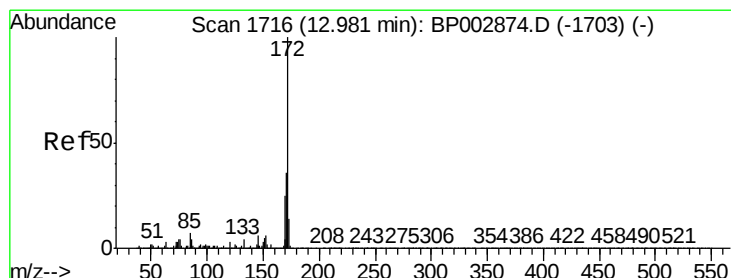
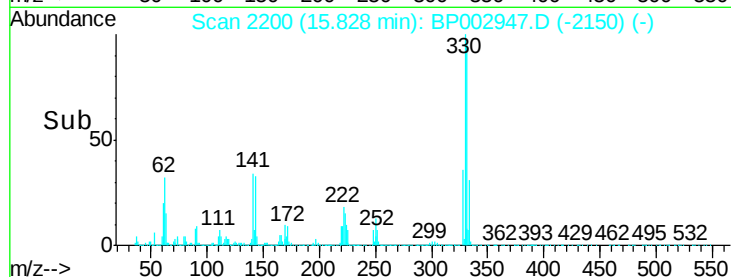
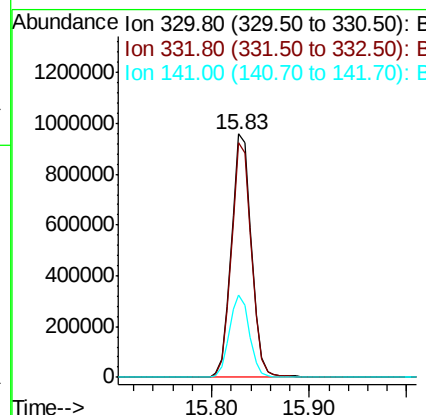
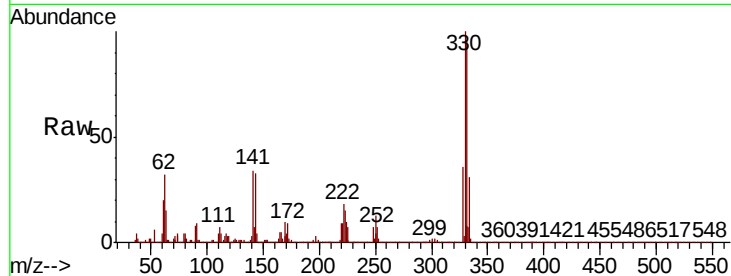




#42
 2,4,6-Tribromophenol
 Concen: 90.405 ng
 RT: 15.83 min Scan# 2200
 Delta R.T. -0.01 min
 Lab File: BP002947.D
 Acq: 12 Aug 2020 13:07

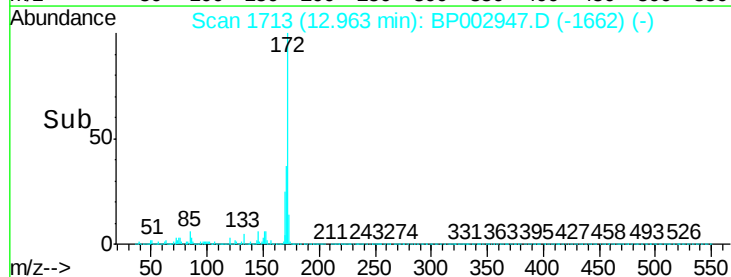
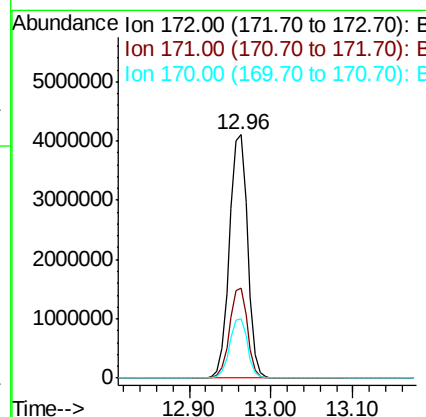
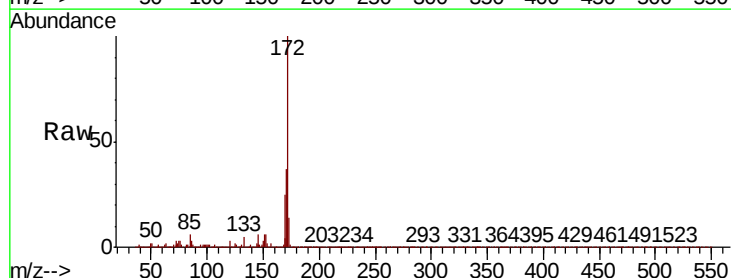
Instrument :
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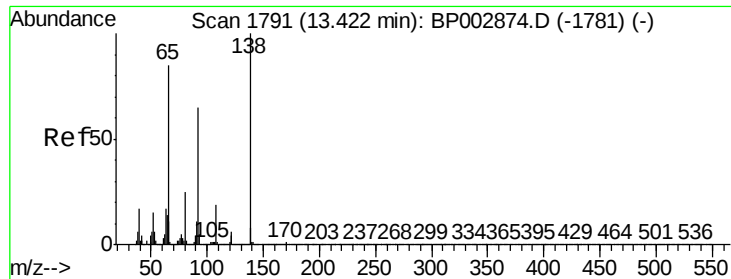
Tot Ion:330 Resp: 1368502
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.0 115.4
 141 34.2 28.6 43.0



#45
 2-Fluorobiphenyl
 Concen: 70.984 ng
 RT: 12.96 min Scan# 1713
 Delta R.T. -0.00 min
 Lab File: BP002947.D
 Acq: 12 Aug 2020 13:07

Tgt Ion:172 Resp: 6327583
 Ion Ratio Lower Upper
 172 100
 171 36.8 29.6 44.4
 170 24.5 19.6 29.4





#48

2-Nitroaniline

Concen: 3.976 ng

RT: 13.41 min Scan# 1789

Delta R.T. 0.01 min

Lab File: BP002947.D

Acq: 12 Aug 2020 13:07

Instrument :

BNA_P

ClientSampleId :

PB130914BL

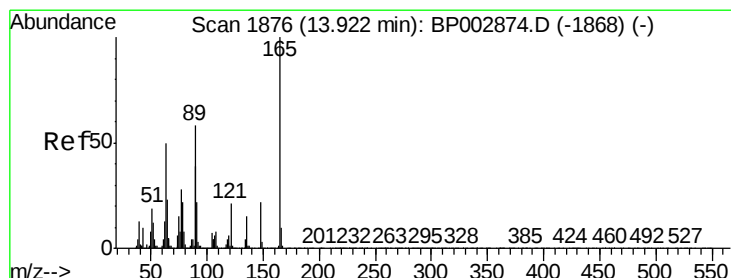
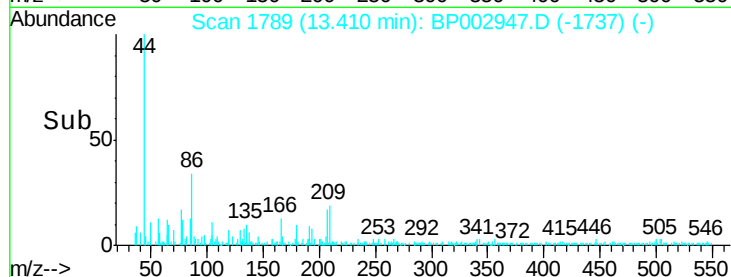
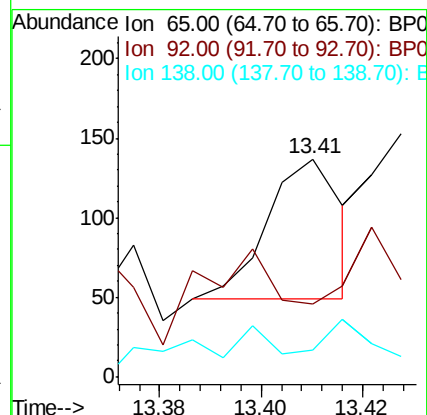
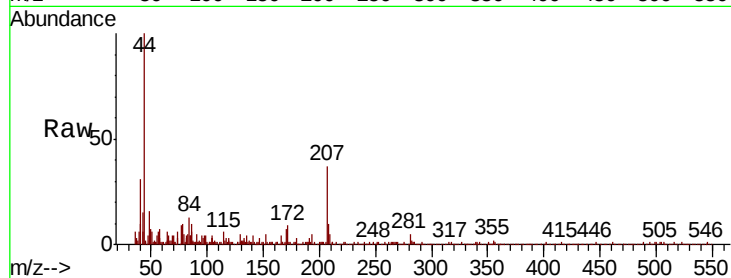
Tot Ion: 65 Resp: 90

Ion Ratio Lower Upper

65 100

92 33.6 69.6 104.4#

138 12.4 125.6 188.4#



#51

2,6-Dinitrotoluene

Concen: 2.902 ng

RT: 13.92 min Scan# 1875

Delta R.T. 0.01 min

Lab File: BP002947.D

Acq: 12 Aug 2020 13:07

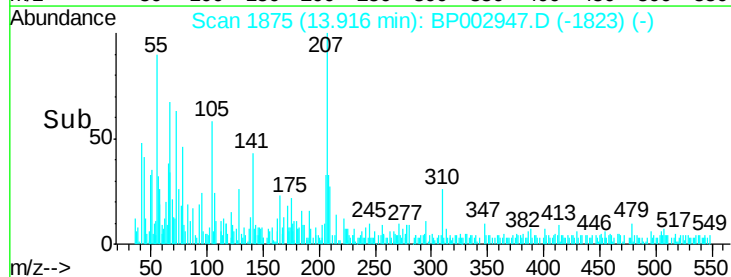
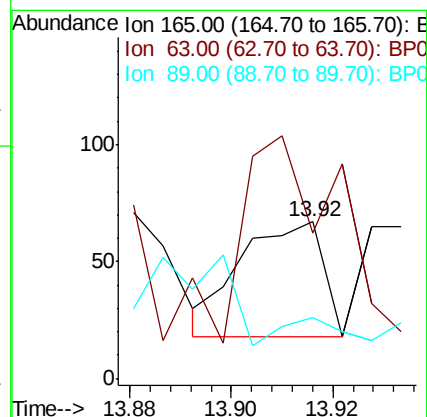
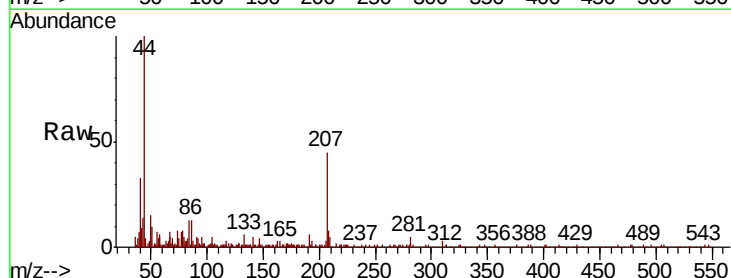
Tgt Ion: 165 Resp: 55

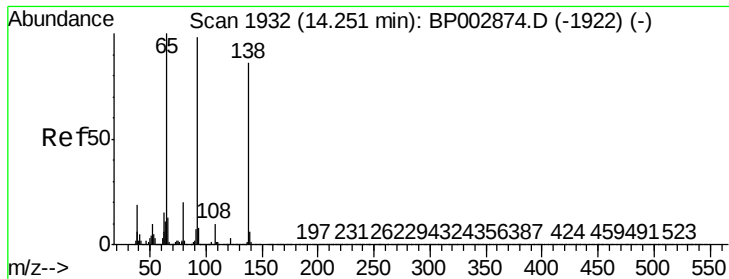
Ion Ratio Lower Upper

165 100

63 92.5 27.5 41.3#

89 38.8 35.3 52.9

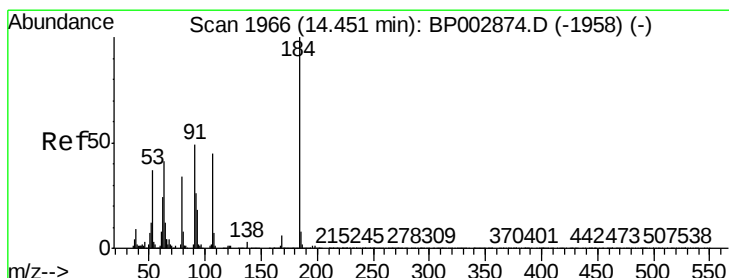
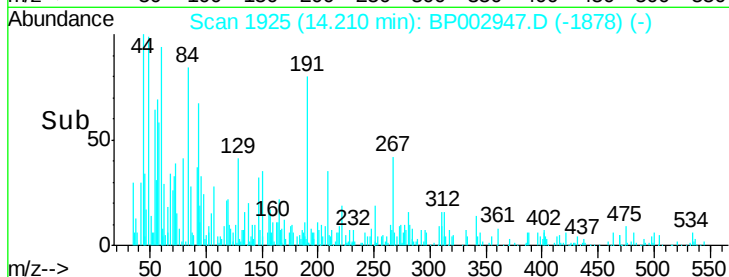
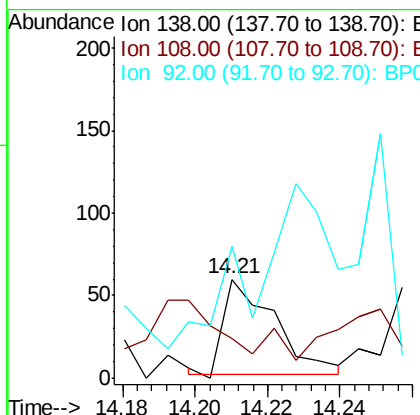
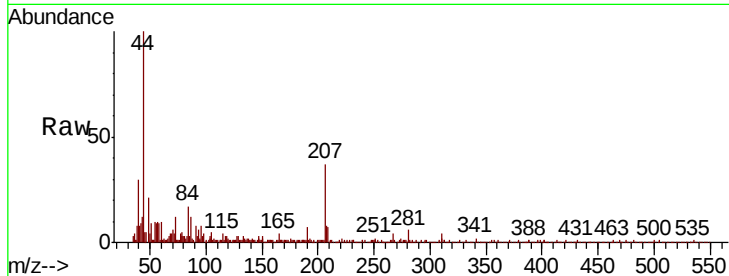




#53
3-Nitroaniline
Concen: 3.276 ng
RT: 14.21 min Scan# 1925
Delta R.T. -0.02 min
Lab File: BP002947.D
Acq: 12 Aug 2020 13:07

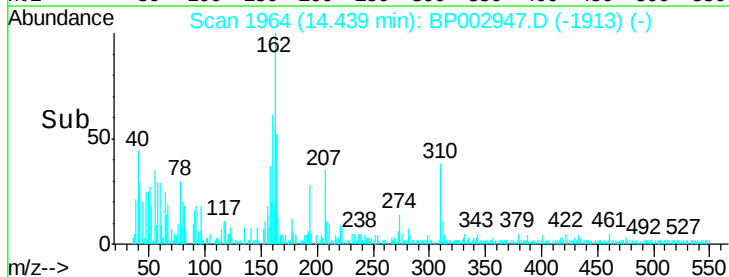
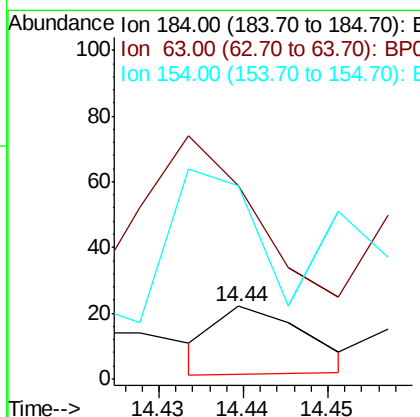
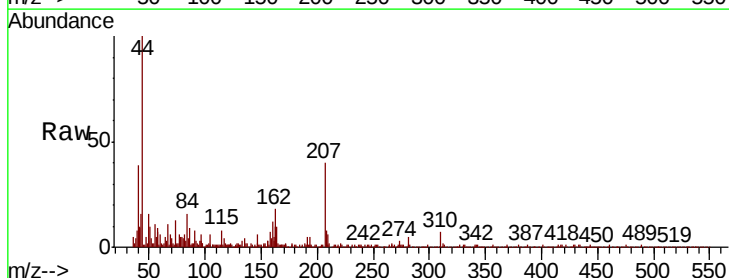
Instrument :
BNA_P
ClientSampleId :
PB130914BL

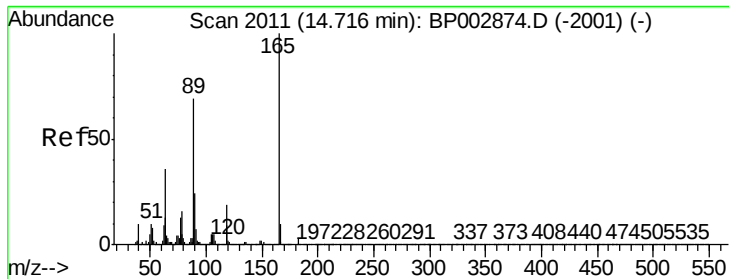
Tot Ion:138 Resp: 58
Ion Ratio Lower Upper
138 100
108 40.0 7.2 10.8#
92 133.3 75.8 113.6#



#54
2,4-Dinitrophenol
Concen: 8.059 ng
RT: 14.44 min Scan# 1964
Delta R.T. -0.00 min
Lab File: BP002947.D
Acq: 12 Aug 2020 13:07

Tgt Ion:184 Resp: 15
Ion Ratio Lower Upper
184 100
63 268.2 36.4 54.6#
154 268.2 46.6 69.8#

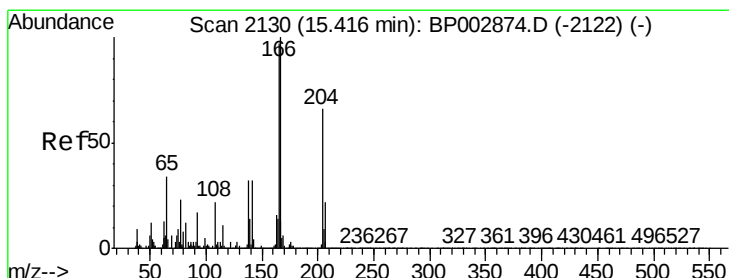
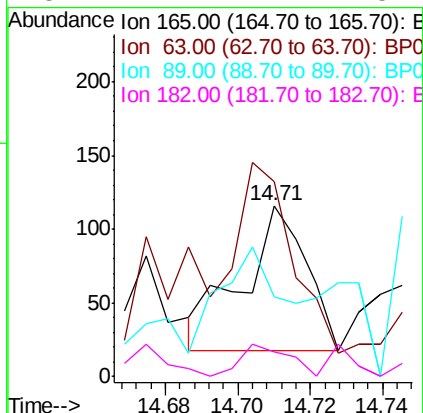
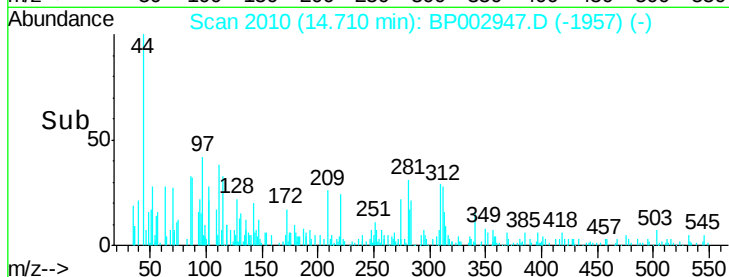
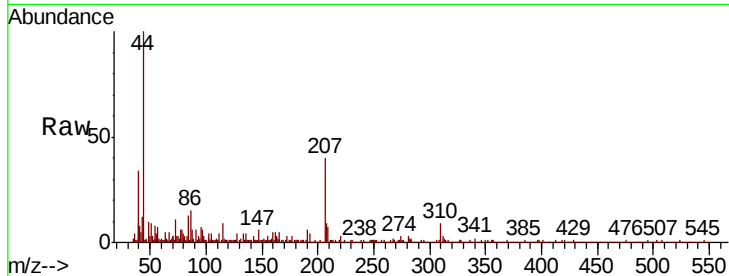




#57
2,4-Dinitrotoluene
Concen: 3.810 ng
RT: 14.71 min Scan# 2010
Delta R.T. 0.01 min
Lab File: BP002947.D
Acq: 12 Aug 2020 13:07

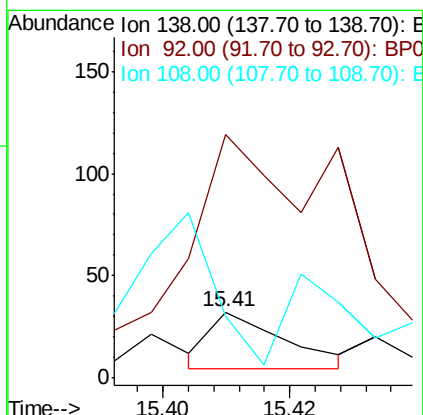
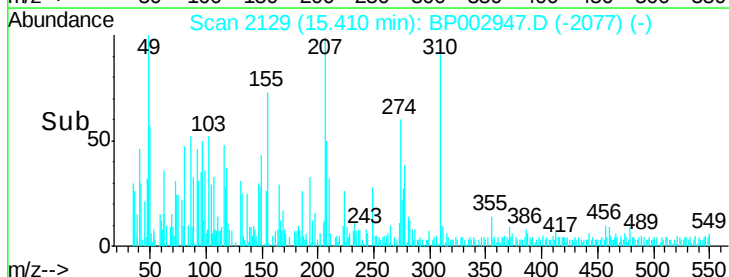
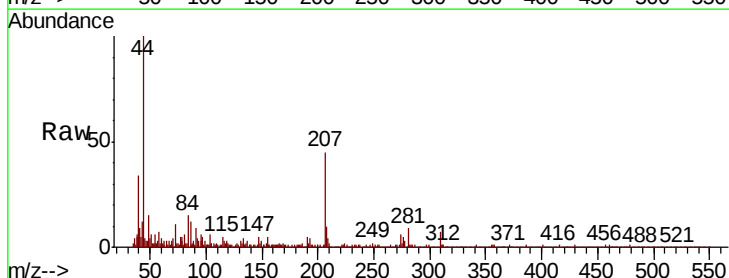
Instrument :
BNA_P
ClientSampleId :
PB130914BL

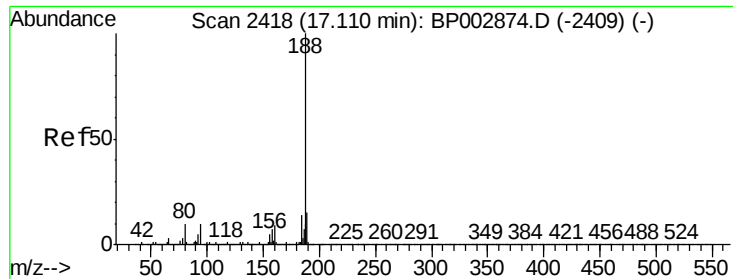
Tot Ion:165 Resp: 120
Ion Ratio Lower Upper
165 100
63 113.8 22.6 34.0#
89 46.6 46.2 69.2
182 14.7 2.2 3.4#



#62
4-Nitroaniline
Concen: 2.417 ng
RT: 15.41 min Scan# 2129
Delta R.T. 0.01 min
Lab File: BP002947.D
Acq: 12 Aug 2020 13:07

Tgt Ion:138 Resp: 23
Ion Ratio Lower Upper
138 100
92 371.9 21.2 61.2#
108 128.1 40.5 80.5#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.09 min Scan# 2414

Delta R.T. -0.01 min

Lab File: BP002947.D

Acq: 12 Aug 2020 13:07

Instrument :

BNA_P

ClientSampleId :

PB130914BL

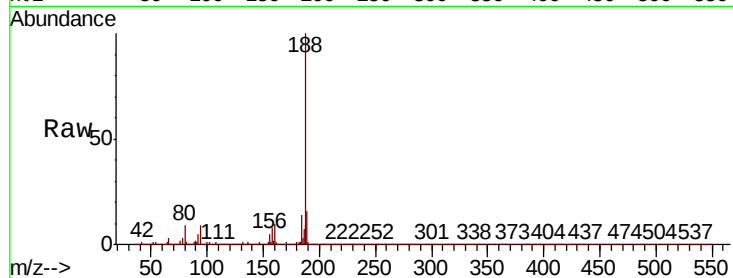
Tot Ion:188 Resp: 2288390

Ion	Ratio	Lower	Upper
188	100		
94	9.3	7.0	10.6
80	9.1	7.0	10.6

188 100

94 9.3 7.0 10.6

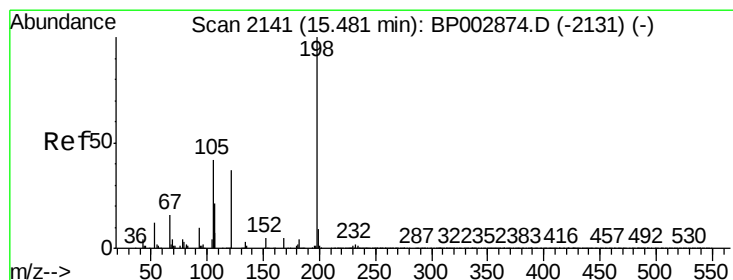
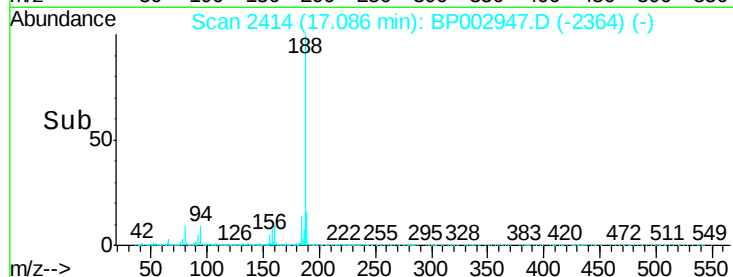
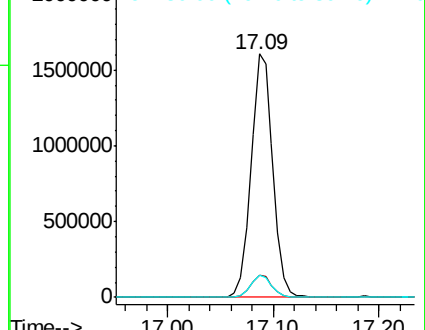
80 9.1 7.0 10.6



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: 6.909 ng

RT: 15.49 min Scan# 2142

Delta R.T. 0.02 min

Lab File: BP002947.D

Acq: 12 Aug 2020 13:07

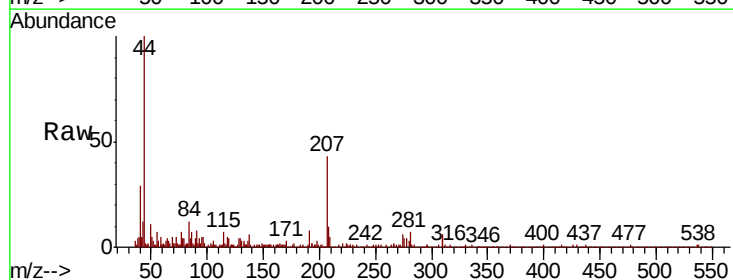
Tgt Ion:198 Resp: 126

Ion	Ratio	Lower	Upper
198	100		
51	121.8	6.5	46.5#
105	79.8	20.4	60.4#

198 100

51 121.8 6.5 46.5#

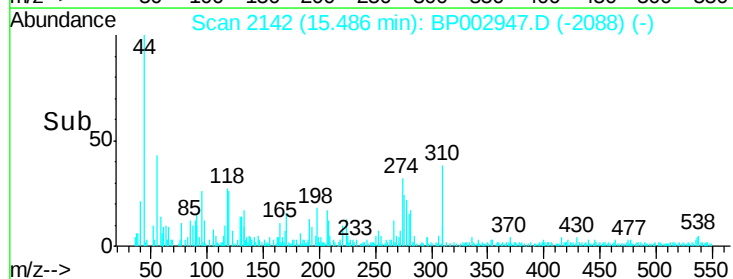
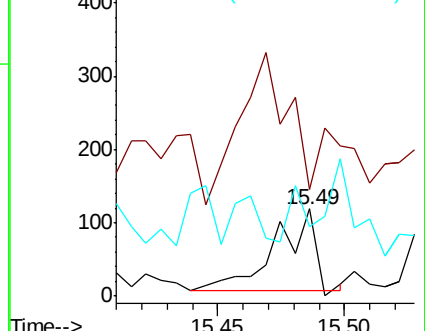
105 79.8 20.4 60.4#

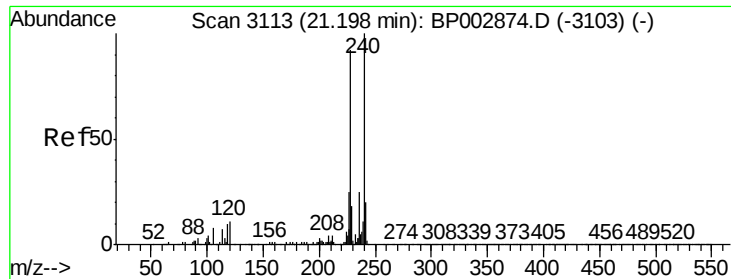


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BP0

Ion 105.00 (104.70 to 105.70): E

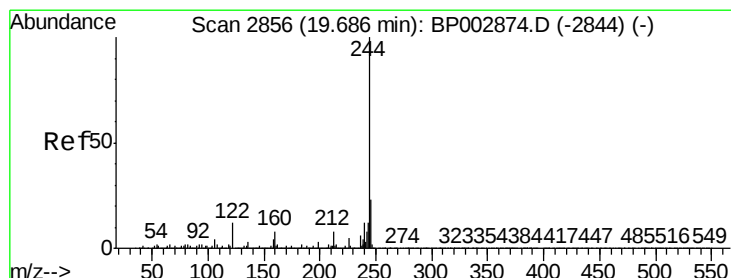
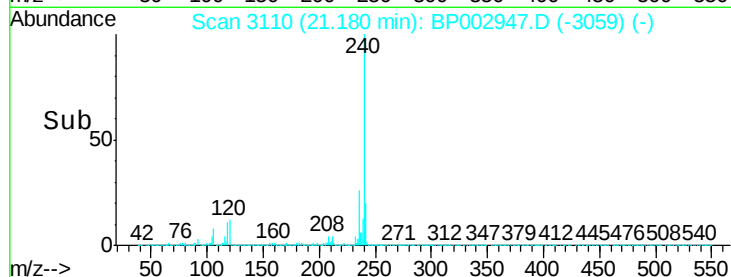
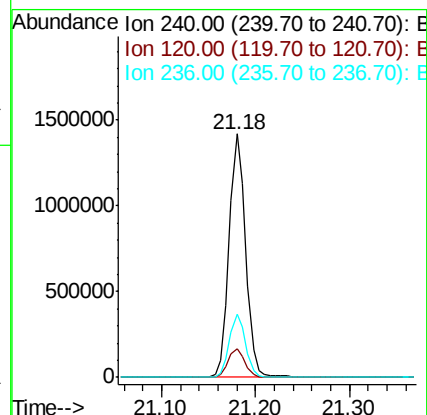
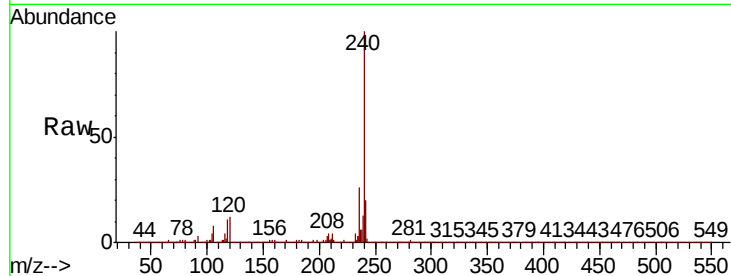




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.18 min Scan# 3110
Delta R.T. -0.00 min
Lab File: BP002947.D
Acq: 12 Aug 2020 13:07

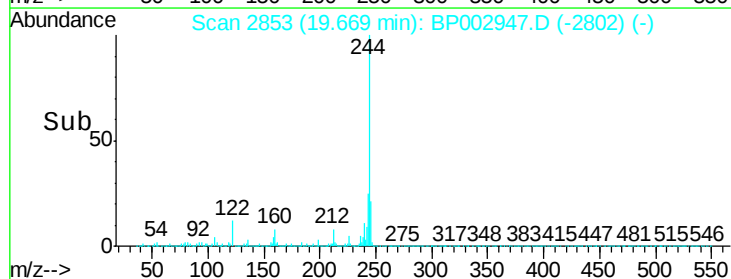
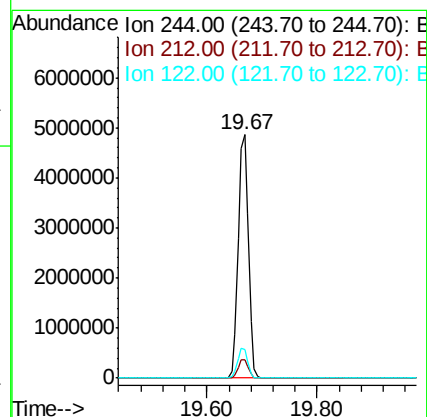
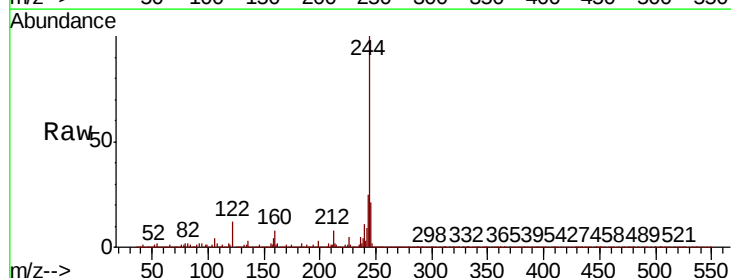
Instrument :
BNA_P
ClientSampleId :
PB130914BL

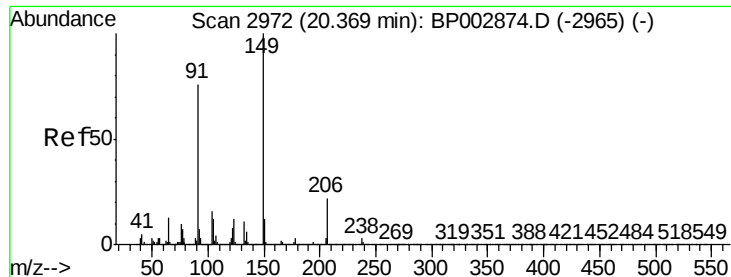
Tot Ion:240 Resp: 1741155
Ion Ratio Lower Upper
240 100
120 11.9 10.6 16.0
236 26.2 20.7 31.1



#79
Terphenyl-d14
Concen: 73.356 ng
RT: 19.67 min Scan# 2853
Delta R.T. -0.00 min
Lab File: BP002947.D
Acq: 12 Aug 2020 13:07

Tgt Ion:244 Resp: 6380002
Ion Ratio Lower Upper
244 100
212 7.7 6.3 9.5
122 12.0 9.9 14.9

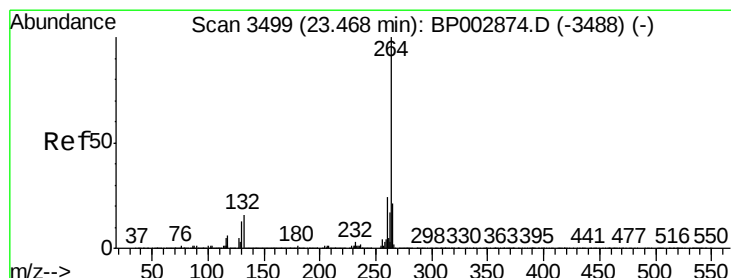
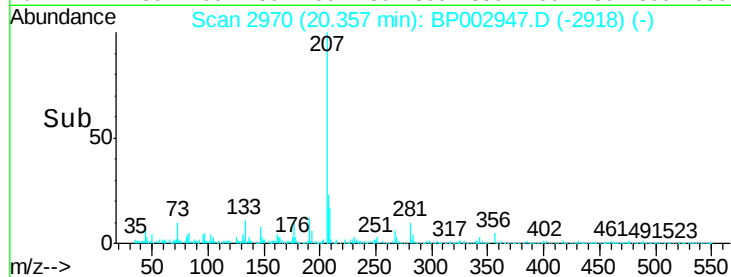
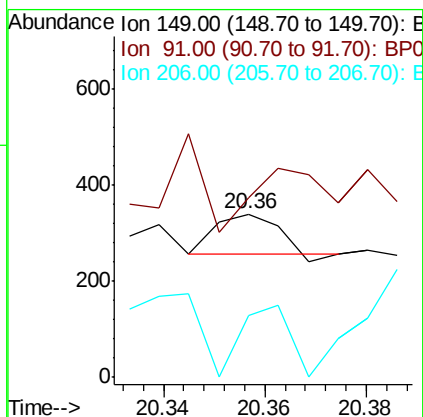
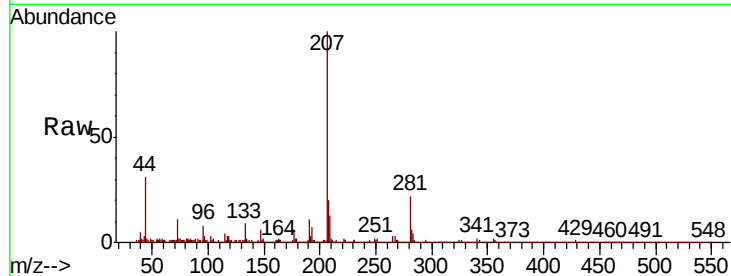




#80
Butylbenzylphthalate
Concen: 3.059 ng
RT: 20.36 min Scan# 2970
Delta R.T. 0.01 min
Lab File: BP002947.D
Acq: 12 Aug 2020 13:07

Instrument :
BNA_P
ClientSampled :
PB130914BL

Tot Ion:149 Resp: 69
Ion Ratio Lower Upper
149 100
91 109.7 46.5 69.7#
206 37.6 17.2 25.8#



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.44 min Scan# 3494
Delta R.T. 0.01 min
Lab File: BP002947.D
Acq: 12 Aug 2020 13:07

Tgt Ion:264 Resp: 1578303
Ion Ratio Lower Upper
264 100
260 23.9 18.7 28.1
265 22.0 17.6 26.4

