

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP081120\
 Data File : BP002941.D
 Acq On : 11 Aug 2020 16:44
 Operator : CG/JU
 Sample : PB130895BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB130895BL

Quant Time: Aug 11 17:21:37 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	529270	20.00	ng	0.00
21) Naphthalene-d8	10.48	136	2053062	20.00	ng	0.00
39) Acenaphthene-d10	14.34	164	1157194	20.00	ng	0.00
64) Phenanthrene-d10	17.09	188	2199343	20.00	ng	0.00
76) Chrysene-d12	21.18	240	1586760	20.00	ng	0.00
86) Perylene-d12	23.44	264	1468633	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.31	112	3702842	107.08	ng	0.00
7) Phenol-d6	6.88	99	4305910	89.68	ng	0.00
23) Nitrobenzene-d5	8.85	82	2479455	65.41	ng	0.00
42) 2,4,6-Tribromophenol	15.83	330	1424286	99.03	ng	0.00
45) 2-Fluorobiphenyl	12.96	172	6460201	76.28	ng	0.00
79) Terphenyl-d14	19.67	244	6651025	83.91	ng	0.00

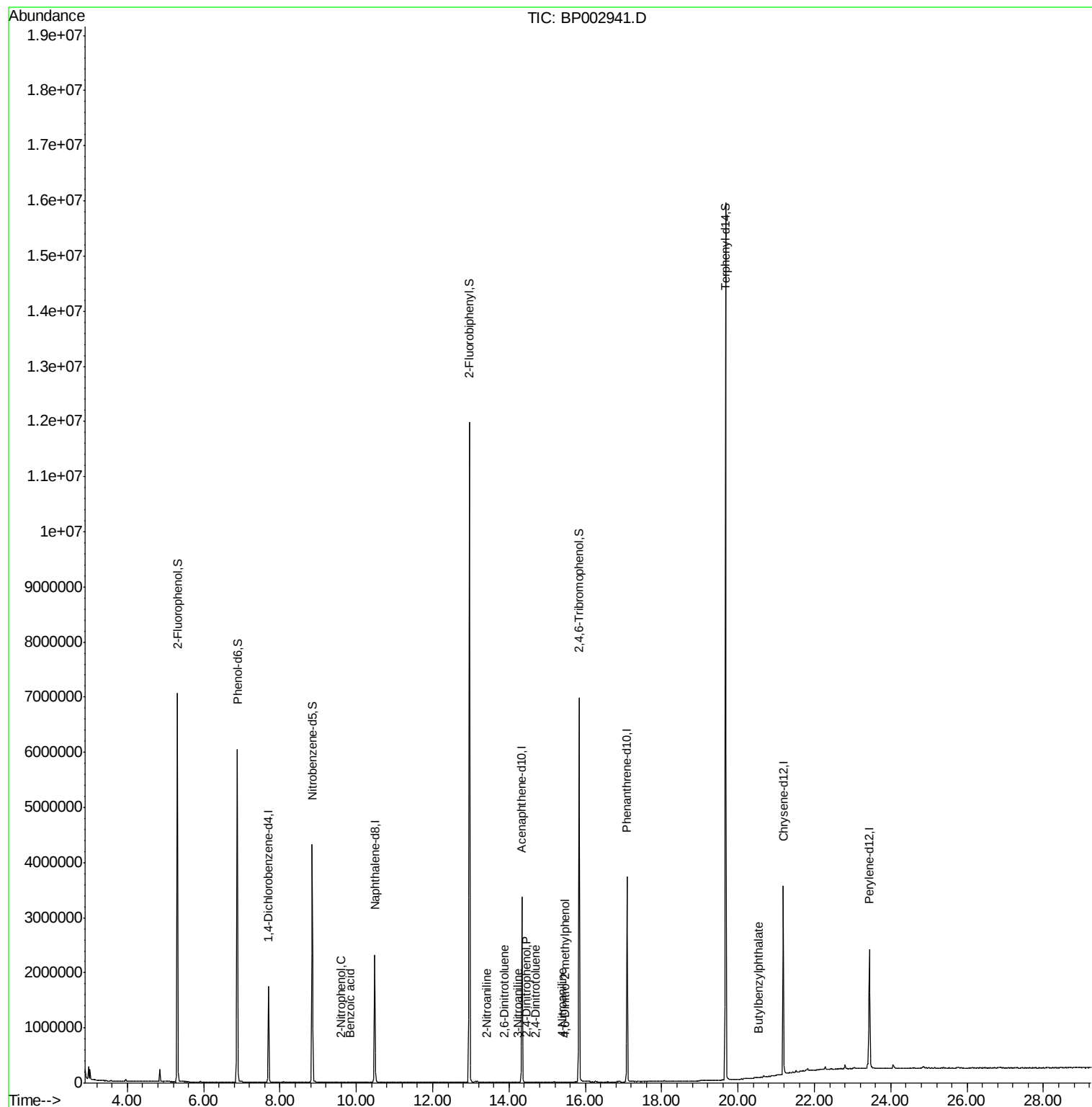
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
26) 2-Nitrophenol	9.59	139	41	4.523	ng	# 1
32) Benzoic acid	9.83	122	75	7.689	ng	# 1
48) 2-Nitroaniline	13.42	65	44	3.974	ng	# 26
51) 2,6-Dinitrotoluene	13.88	165	94	2.904	ng	# 77
53) 3-Nitroaniline	14.23	138	14	3.274	ng	# 1
54) 2,4-Dinitrophenol	14.45	184	25	8.060	ng	# 1
57) 2,4-Dinitrotoluene	14.71	165	128	3.810	ng	# 68
62) 4-Nitroaniline	15.40	138	14	2.417	ng	# 1
65) 4,6-Dinitro-2-methylphenol	15.47	198	19	6.902	ng	# 1
80) Butylbenzylphthalate	20.53	149	360	3.065	ng	94

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

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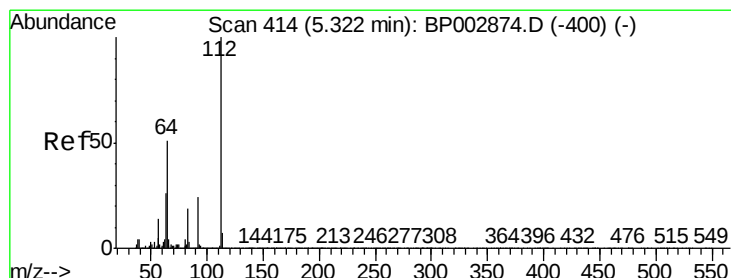
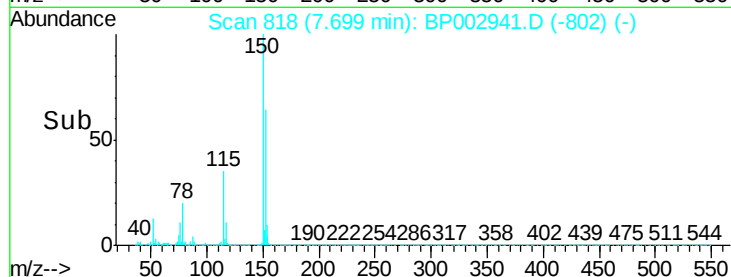
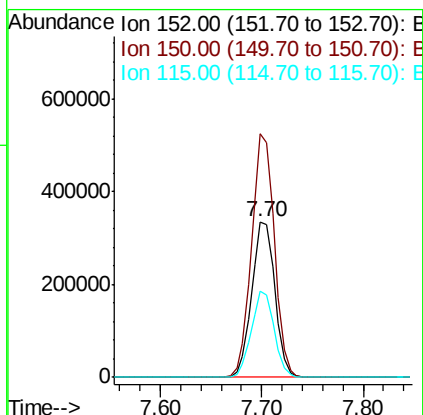
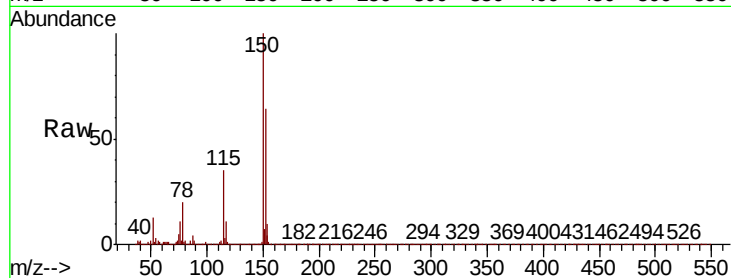


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.70 min Scan# 818
Delta R.T. -0.01 min
Lab File: BP002941.D
Acq: 11 Aug 2020 16:44

Instrument :
BNA_P
ClientSampleId :
PB130895BL

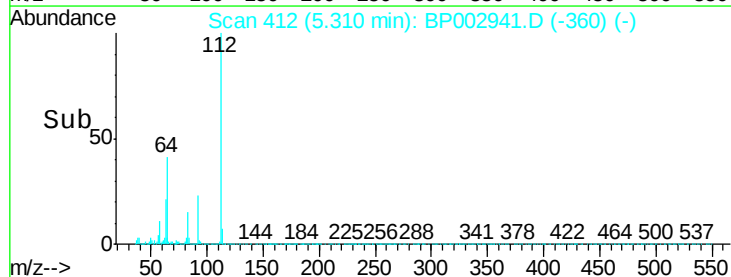
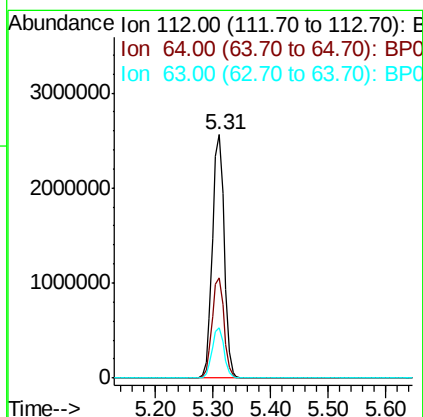
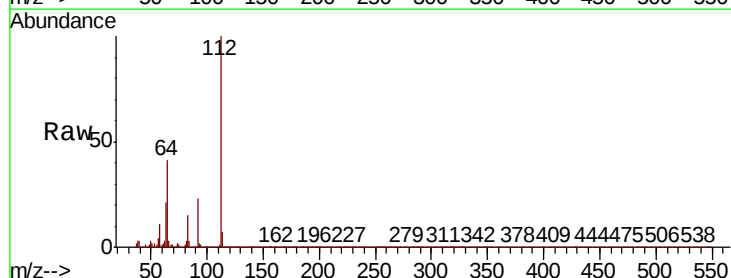
Tot Ion	Ratio	Lower	Upper
152	100		
150	156.1	124.2	186.4
115	55.2	42.1	63.1

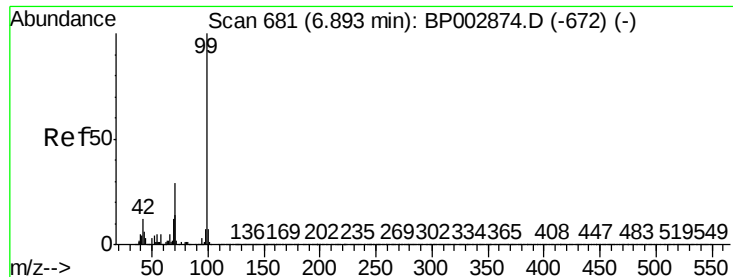


#5

2-Fluorophenol
Concen: 107.076 ng
RT: 5.31 min Scan# 412
Delta R.T. 0.01 min
Lab File: BP002941.D
Acq: 11 Aug 2020 16:44

Tgt Ion	Ratio	Lower	Upper
112	100		
64	41.0	33.8	50.8
63	20.5	17.2	25.8





#7

Phenol-d6

Concen: 89.684 ng

RT: 6.88 min Scan# 679

Delta R.T. -0.00 min

Lab File: BP002941.D

Acq: 11 Aug 2020 16:44

Instrument :

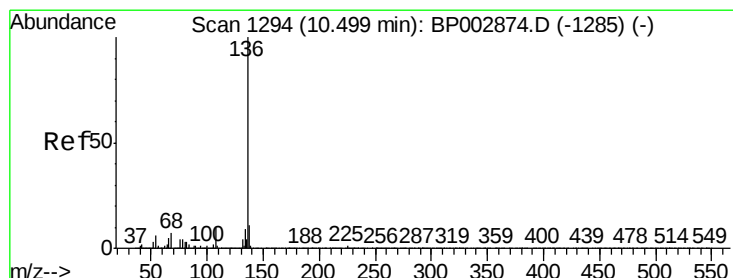
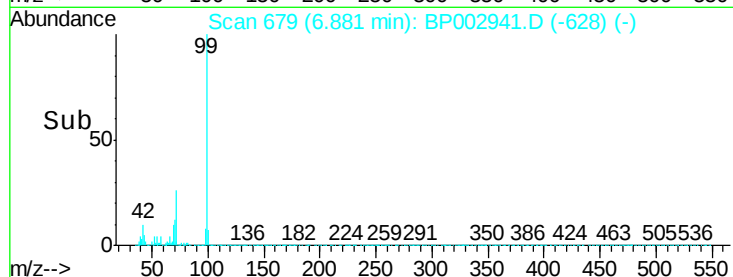
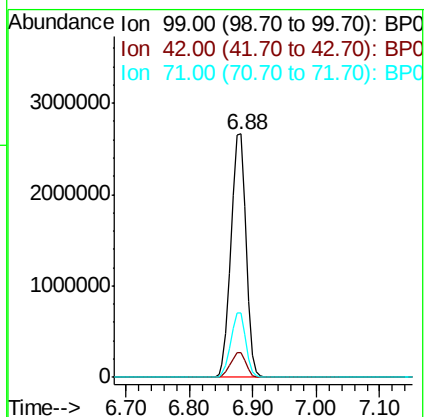
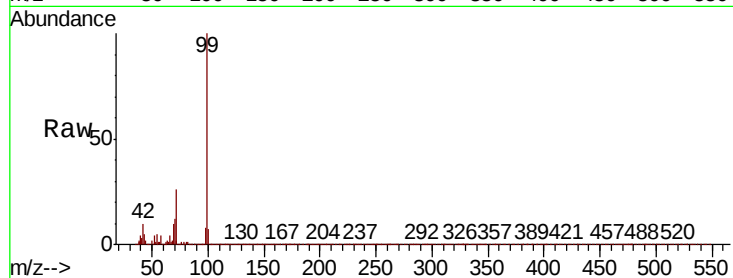
BNA_P

ClientSampleId :

PB130895BL

Tot Ion: 99 Resp: 4305910

Ion	Ratio	Lower	Upper
99	100		
42	10.0	8.1	12.1
71	26.2	21.0	31.4



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.48 min Scan# 1291

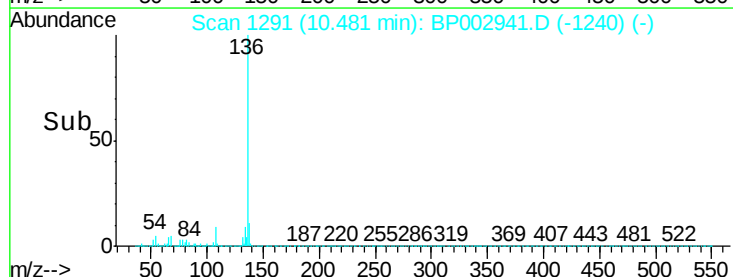
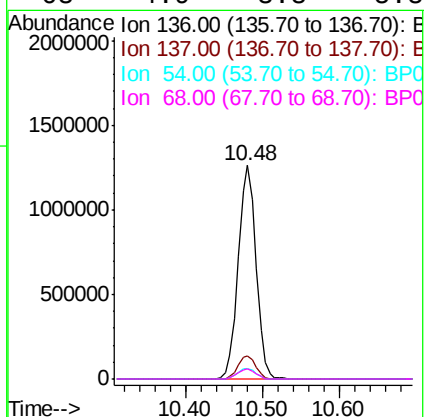
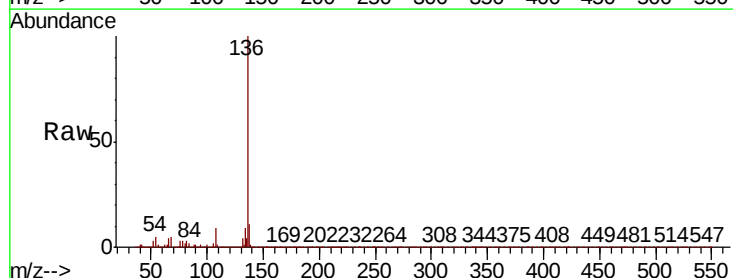
Delta R.T. -0.00 min

Lab File: BP002941.D

Acq: 11 Aug 2020 16:44

Tgt Ion: 136 Resp: 2053062

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.4
54	4.9	3.9	5.9
68	4.9	3.8	5.8

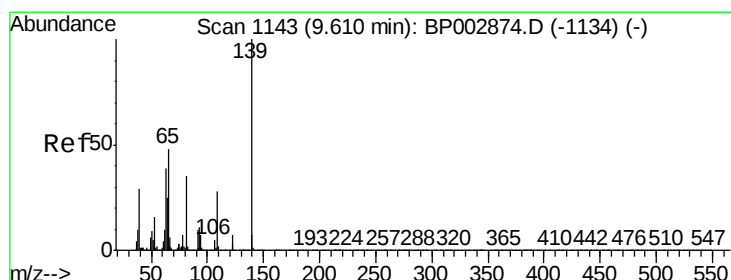
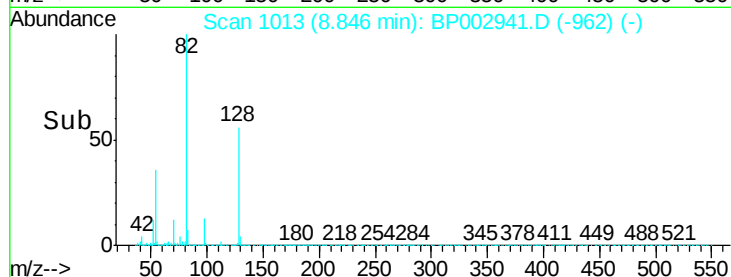
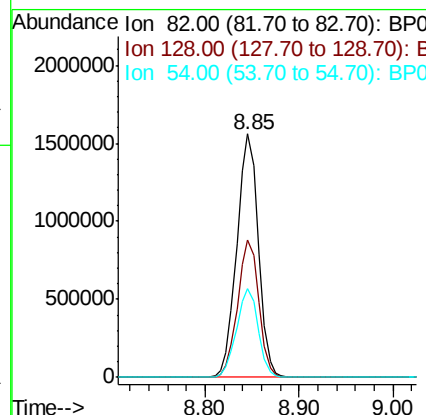
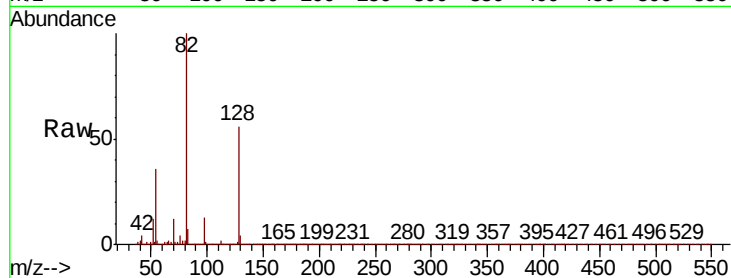




#23
Nitrobenzene-d5
Concen: 65.411 ng
RT: 8.85 min Scan# 1013
Delta R.T. -0.00 min
Lab File: BP002941.D
Acq: 11 Aug 2020 16:44

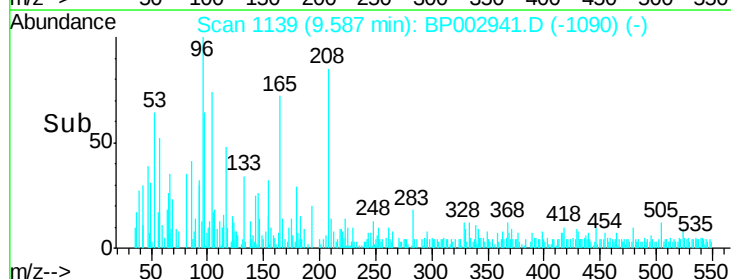
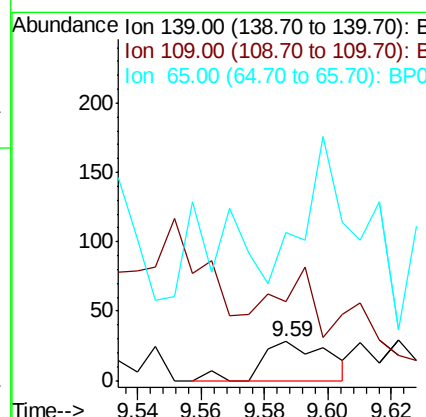
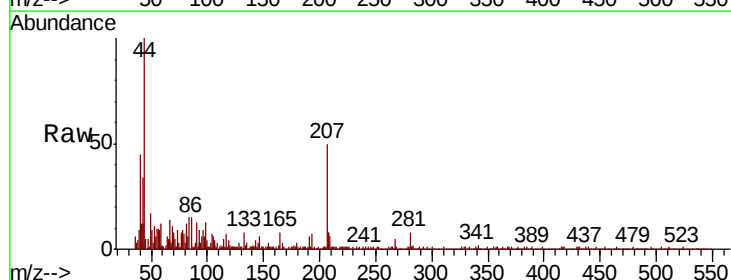
Instrument :
BNA_P
ClientSampleId :
PB130895BL

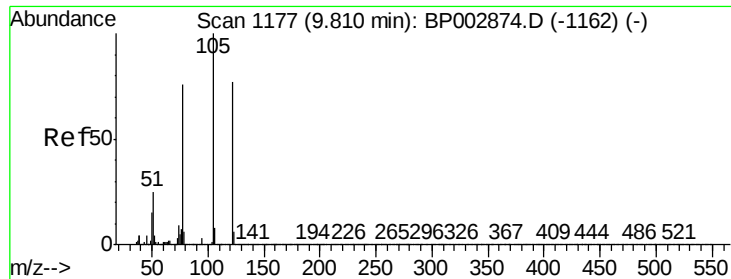
Tot Ion: 82 Resp: 2479455
Ion Ratio Lower Upper
82 100
128 56.4 44.6 66.8
54 36.3 29.2 43.8



#26
2-Nitrophenol
Concen: 4.523 ng
RT: 9.59 min Scan# 1139
Delta R.T. -0.01 min
Lab File: BP002941.D
Acq: 11 Aug 2020 16:44

Tgt Ion: 139 Resp: 41
Ion Ratio Lower Upper
139 100
109 203.6 19.5 29.3#
65 382.1 26.6 40.0#

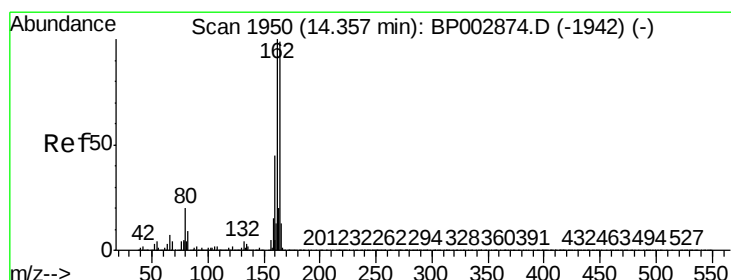
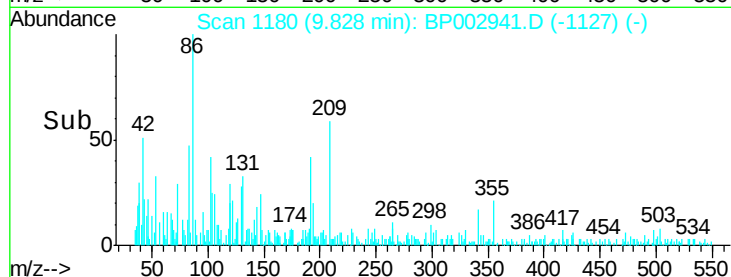
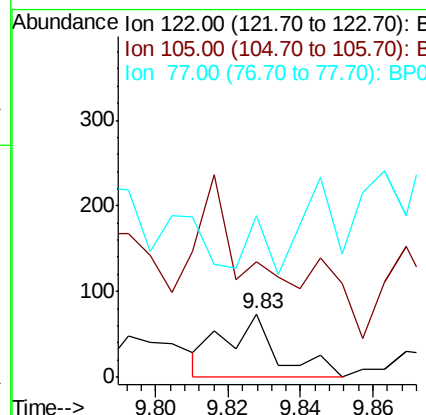
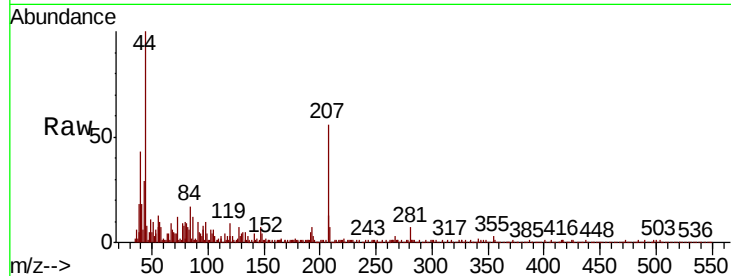




#32
Benzoic acid
Concen: 7.689 ng
RT: 9.83 min Scan# 1180
Delta R.T. 0.01 min
Lab File: BP002941.D
Acq: 11 Aug 2020 16:44

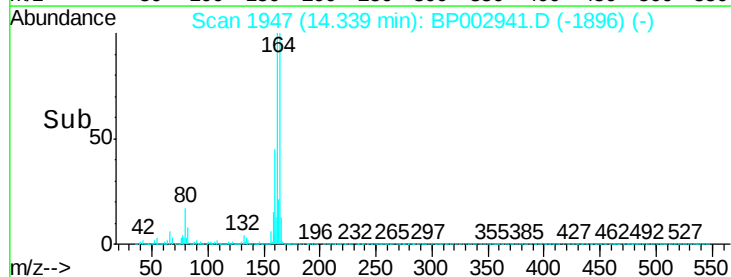
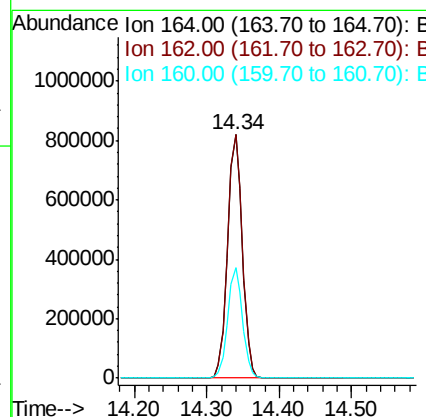
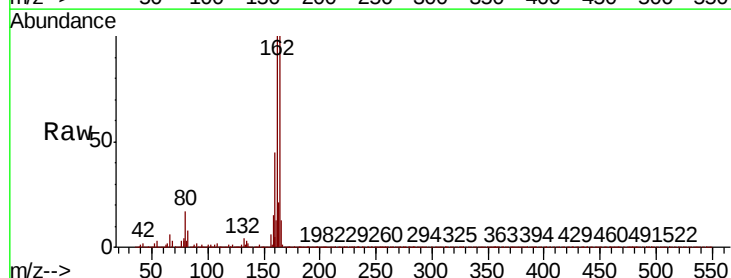
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PB130895BL

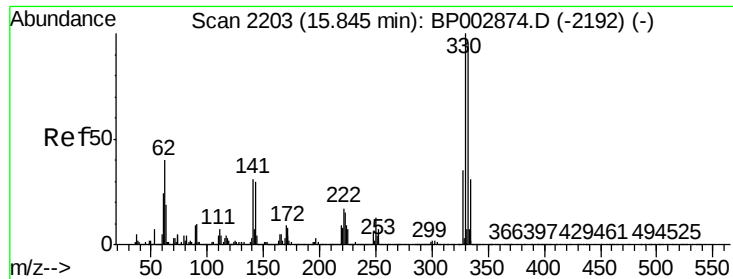
Tot Ion:122 Resp: 75
Ion Ratio Lower Upper
122 100
105 181.1 95.8 135.8#
77 254.1 54.7 94.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.34 min Scan# 1947
Delta R.T. -0.00 min
Lab File: BP002941.D
Acq: 11 Aug 2020 16:44

Tgt Ion:164 Resp: 1157194
Ion Ratio Lower Upper
164 100
162 99.8 81.0 121.4
160 45.3 36.2 54.4

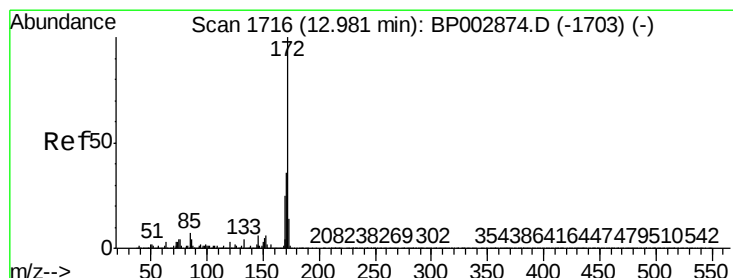
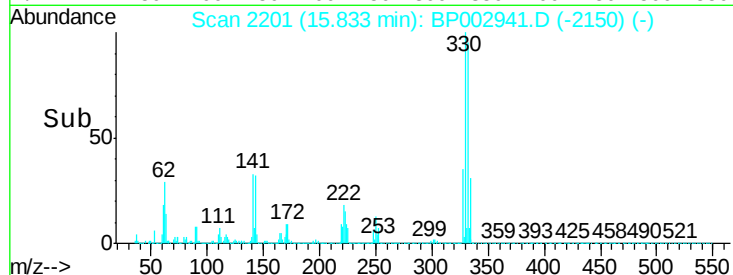
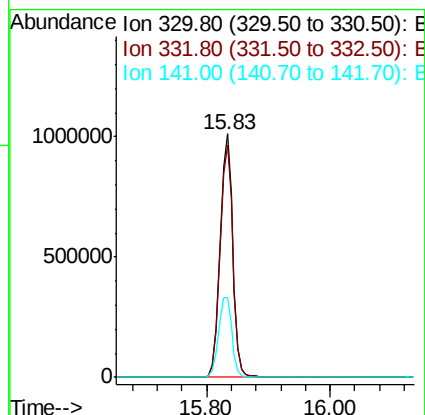
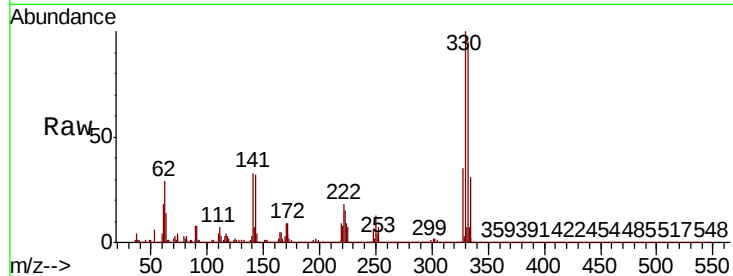




#42
 2,4,6-Tribromophenol
 Concen: 99.028 ng
 RT: 15.83 min Scan# 2201
 Delta R.T. -0.00 min
 Lab File: BP002941.D
 Acq: 11 Aug 2020 16:44

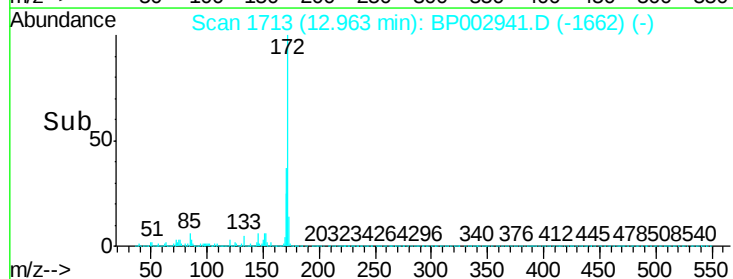
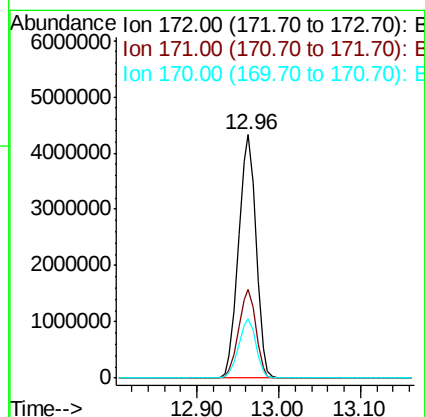
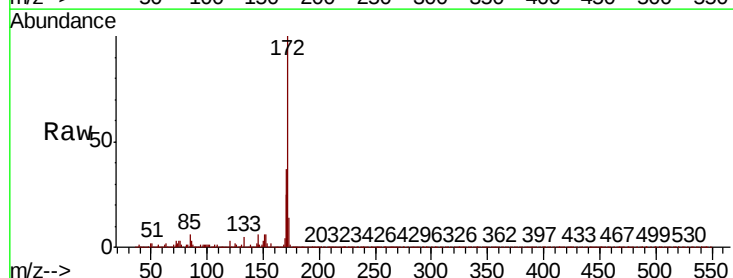
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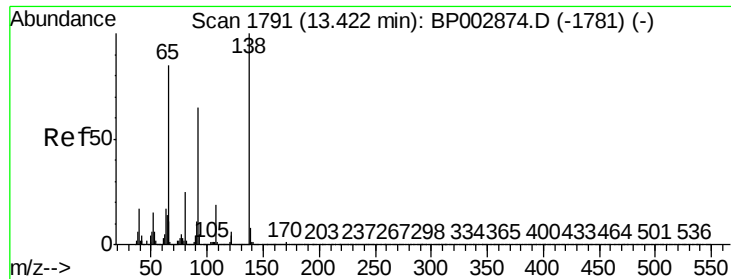
Tot Ion:330 Resp: 1424286
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.0 115.4
 141 34.7 28.6 43.0



#45
 2-Fluorobiphenyl
 Concen: 76.276 ng
 RT: 12.96 min Scan# 1713
 Delta R.T. -0.00 min
 Lab File: BP002941.D
 Acq: 11 Aug 2020 16:44

Tgt Ion:172 Resp: 6460201
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.6 44.4
 170 24.6 19.6 29.4

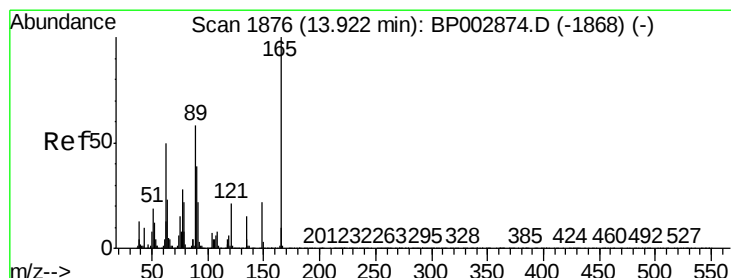
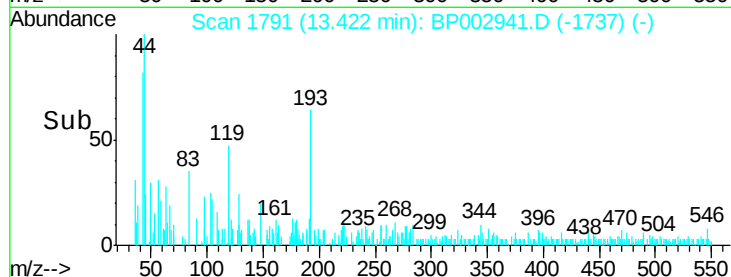
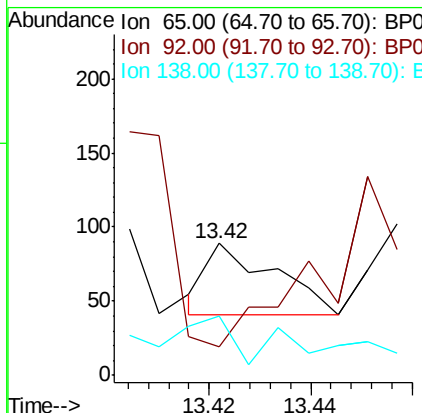
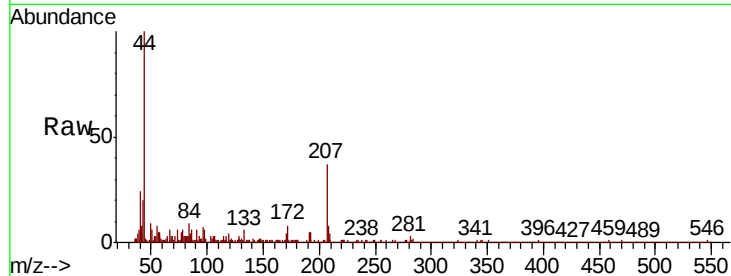




#48
2-Nitroaniline
Concen: 3.974 ng
RT: 13.42 min Scan# 1791
Delta R.T. 0.02 min
Lab File: BP002941.D
Acq: 11 Aug 2020 16:44

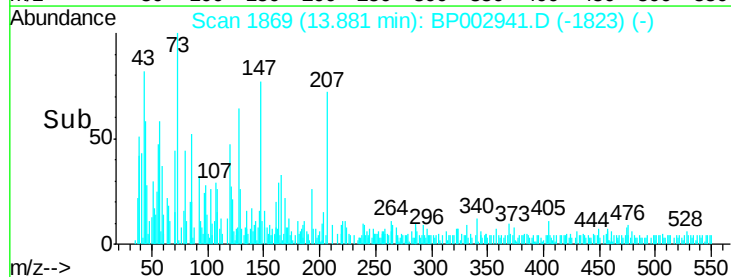
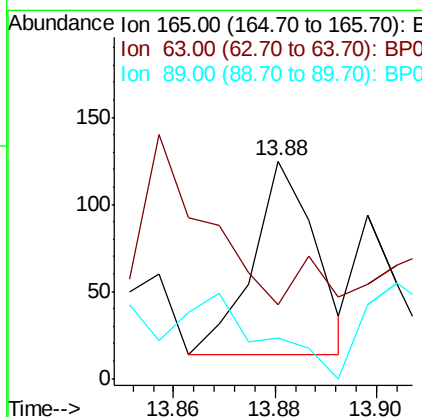
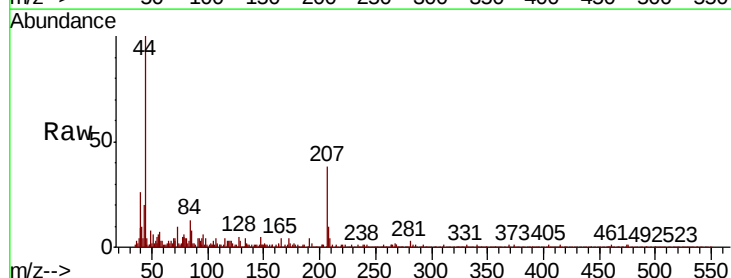
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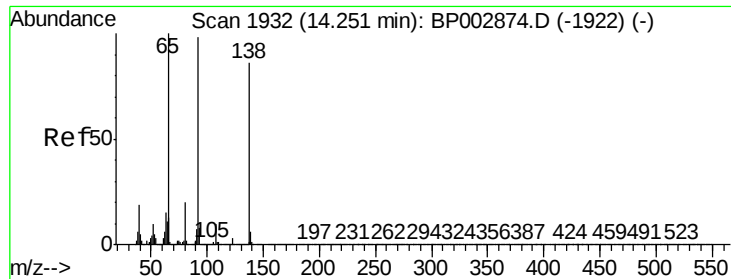
Tot Ion: 65 Resp: 44
Ion Ratio Lower Upper
65 100
92 21.3 69.6 104.4#
138 57.3 125.6 188.4#



#51
2,6-Dinitrotoluene
Concen: 2.904 ng
RT: 13.88 min Scan# 1869
Delta R.T. -0.03 min
Lab File: BP002941.D
Acq: 11 Aug 2020 16:44

Tgt Ion: 165 Resp: 94
Ion Ratio Lower Upper
165 100
63 33.6 27.5 41.3
89 18.4 35.3 52.9#

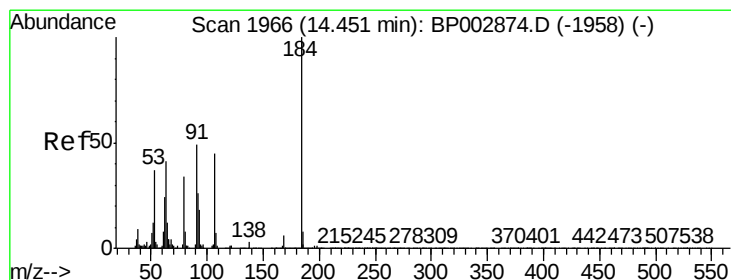
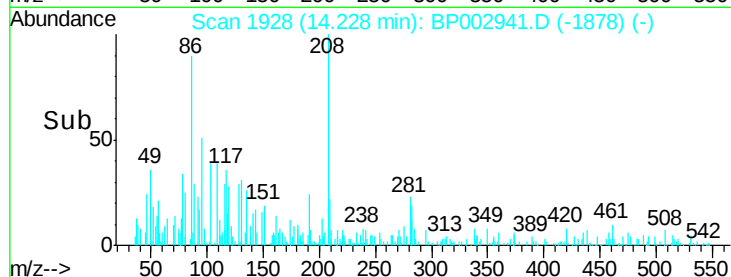
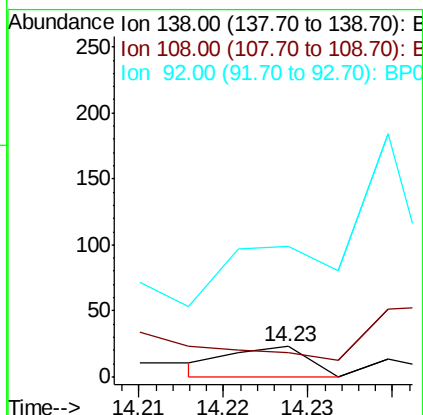
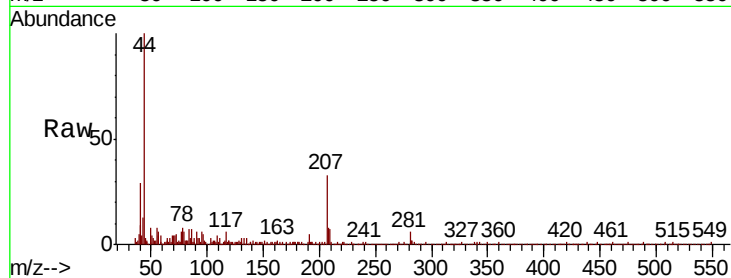




#53
3-Nitroaniline
Concen: 3.274 ng
RT: 14.23 min Scan# 1928
Delta R.T. -0.01 min
Lab File: BP002941.D
Acq: 11 Aug 2020 16:44

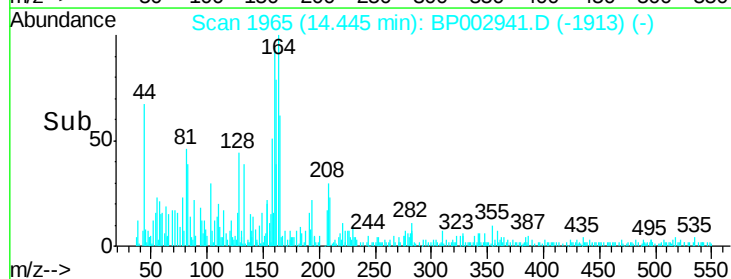
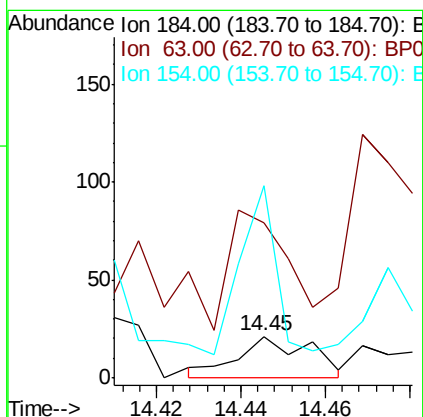
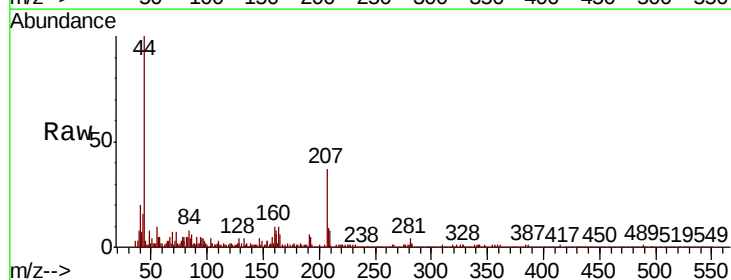
Instrument :
BNA_P
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PB130895BL

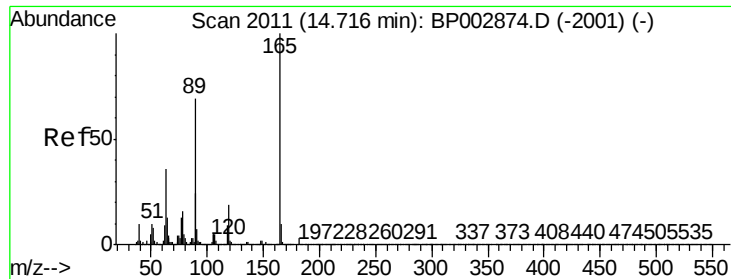
Tot Ion:138 Resp: 14
Ion Ratio Lower Upper
138 100
108 40.0 7.2 10.8#
92 220.0 75.8 113.6#



#54
2,4-Dinitrophenol
Concen: 8.060 ng
RT: 14.45 min Scan# 1965
Delta R.T. 0.01 min
Lab File: BP002941.D
Acq: 11 Aug 2020 16:44

Tgt Ion:184 Resp: 25
Ion Ratio Lower Upper
184 100
63 376.2 36.4 54.6#
154 466.7 46.6 69.8#

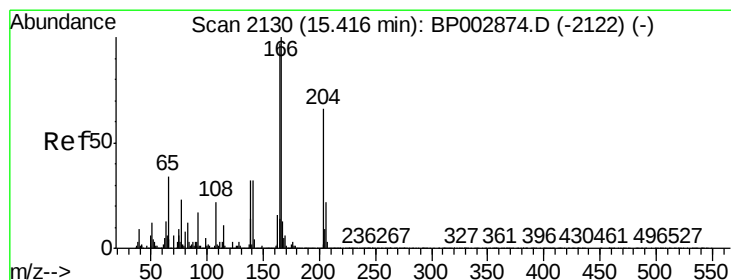
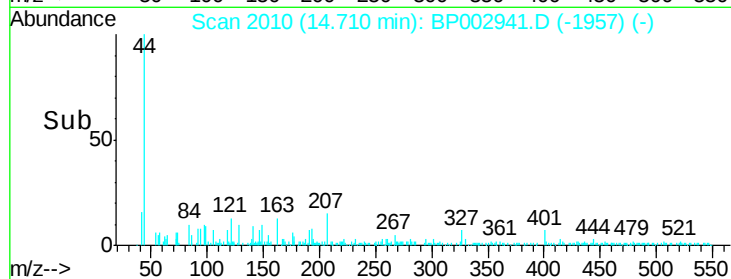
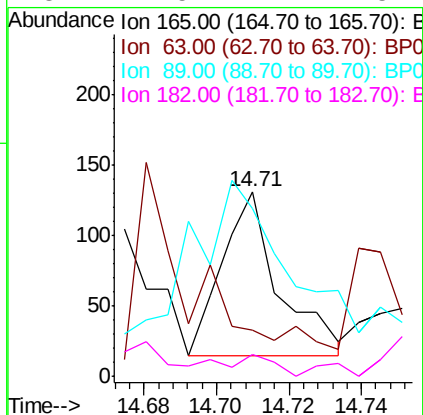
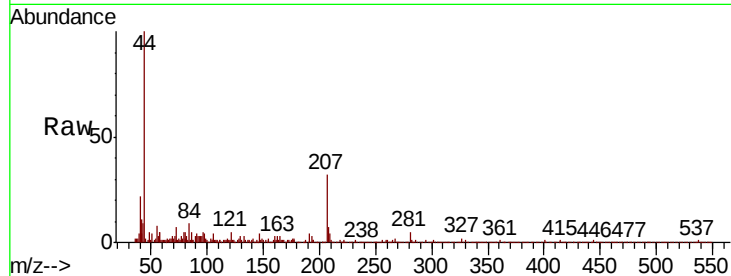




#57
2,4-Dinitrotoluene
Concen: 3.810 ng
RT: 14.71 min Scan# 2010
Delta R.T. 0.01 min
Lab File: BP002941.D
Acq: 11 Aug 2020 16:44

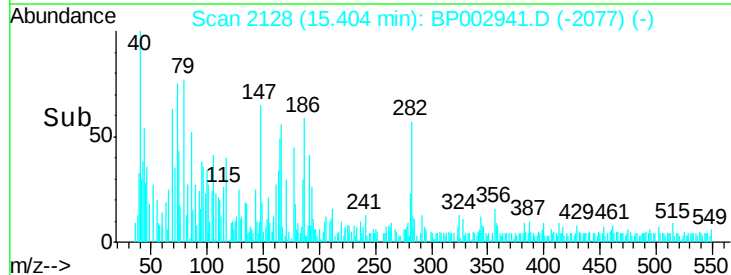
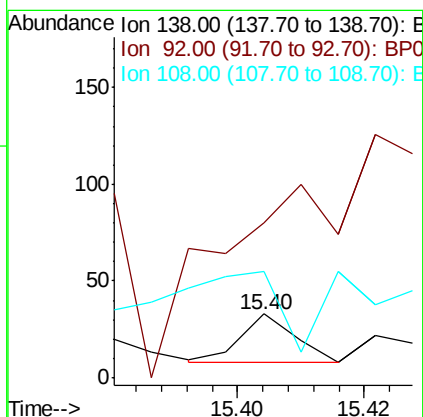
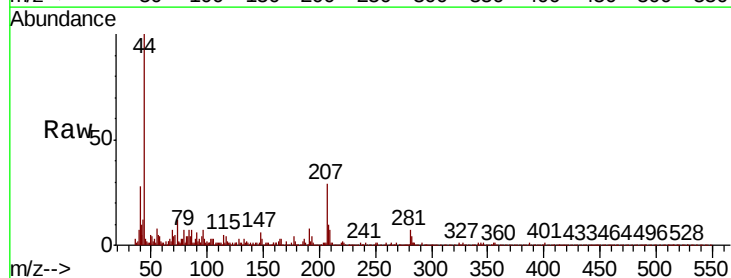
Instrument :
BNA_P
ClientSampleId :
PB130895BL

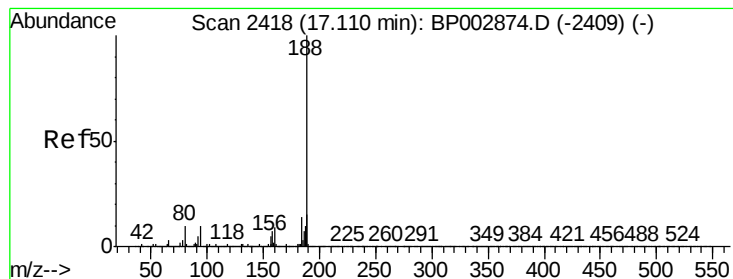
Tot Ion:165	Resp:	128
Ion	Ratio	Lower Upper
165	100	
63	24.4	22.6 34.0
89	90.8	46.2 69.2#
182	11.5	2.2 3.4#



#62
4-Nitroaniline
Concen: 2.417 ng
RT: 15.40 min Scan# 2128
Delta R.T. -0.00 min
Lab File: BP002941.D
Acq: 11 Aug 2020 16:44

Tgt Ion:138	Resp:	14
Ion	Ratio	Lower Upper
138	100	
92	242.4	21.2 61.2#
108	166.7	40.5 80.5#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.09 min Scan# 2415

Delta R.T. -0.00 min

Lab File: BP002941.D

Acq: 11 Aug 2020 16:44

Instrument :

BNA_P

ClientSampleId :

PB130895BL

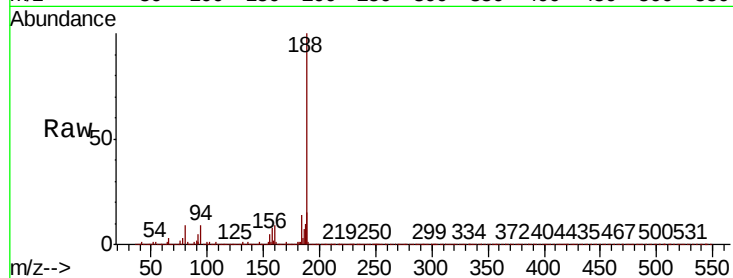
Tot Ion:188 Resp: 2199343

Ion Ratio Lower Upper

188 100

94 8.8 7.0 10.6

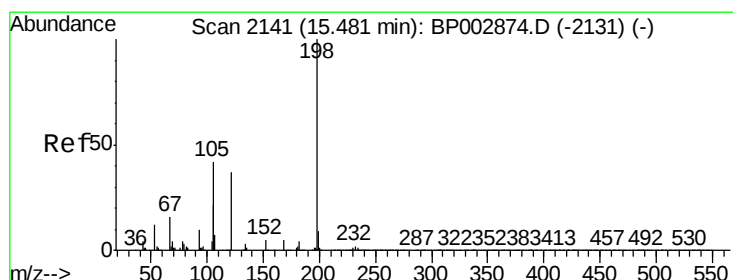
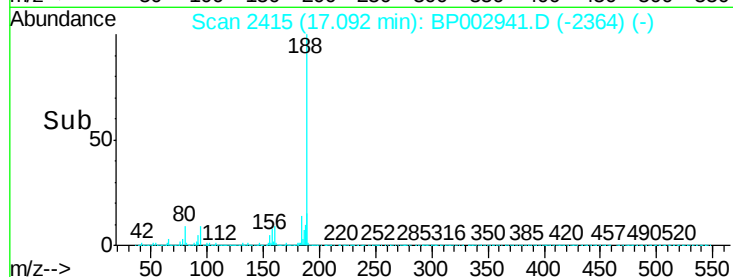
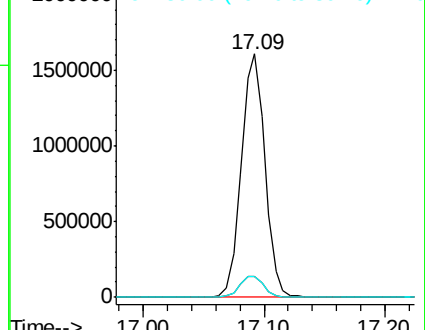
80 8.6 7.0 10.6



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: 6.902 ng

RT: 15.47 min Scan# 2139

Delta R.T. -0.00 min

Lab File: BP002941.D

Acq: 11 Aug 2020 16:44

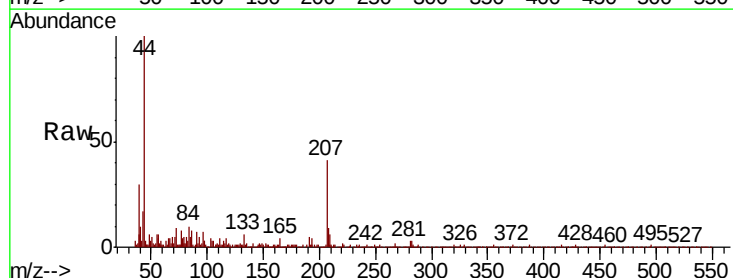
Tgt Ion:198 Resp: 19

Ion Ratio Lower Upper

198 100

51 480.5 6.5 46.5#

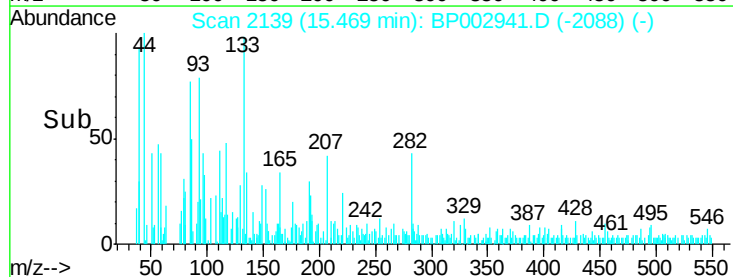
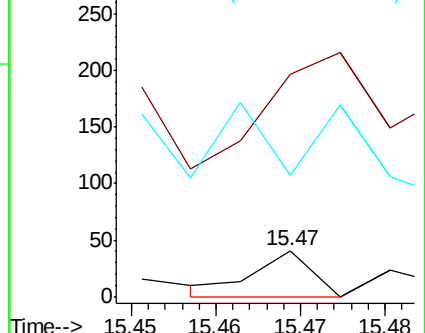
105 261.0 20.4 60.4#

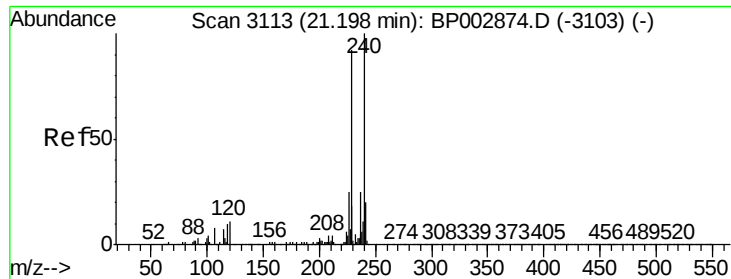


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BP0

Ion 105.00 (104.70 to 105.70): E

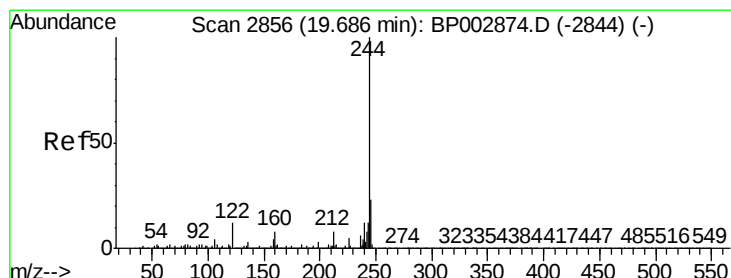
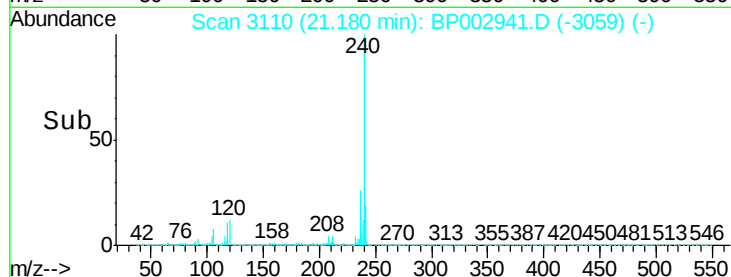
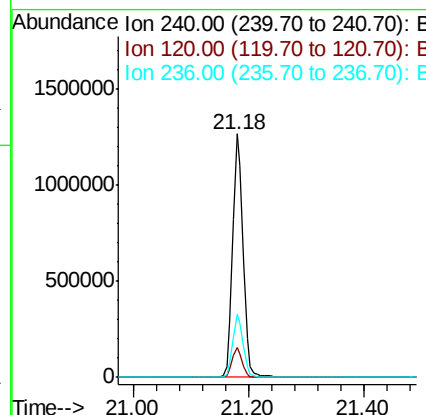
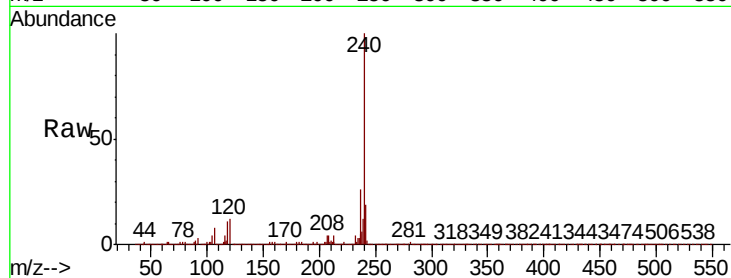




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.18 min Scan# 3110
 Delta R.T. -0.00 min
 Lab File: BP002941.D
 Acq: 11 Aug 2020 16:44

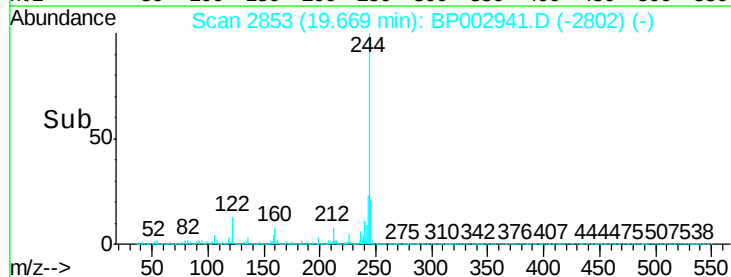
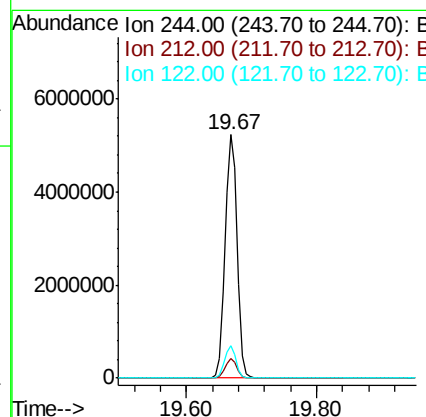
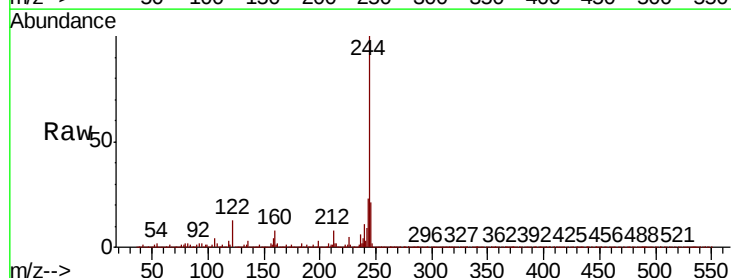
Instrument :
 BNA_P
 ClientSampleId :
 PB130895BL

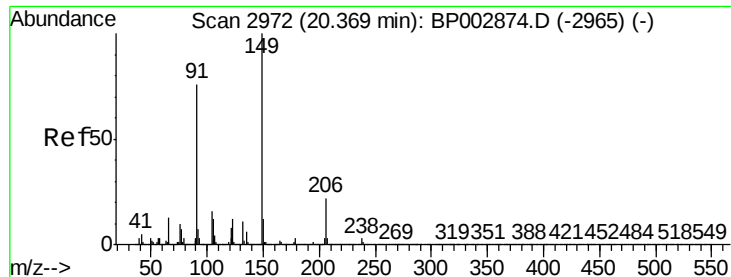
Tot Ion:240 Resp: 1586760
 Ion Ratio Lower Upper
 240 100
 120 12.0 10.6 16.0
 236 25.8 20.7 31.1



#79
 Terphenyl-d14
 Concen: 83.914 ng
 RT: 19.67 min Scan# 2853
 Delta R.T. -0.00 min
 Lab File: BP002941.D
 Acq: 11 Aug 2020 16:44

Tgt Ion:244 Resp: 6651025
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.3 9.5
 122 13.2 9.9 14.9

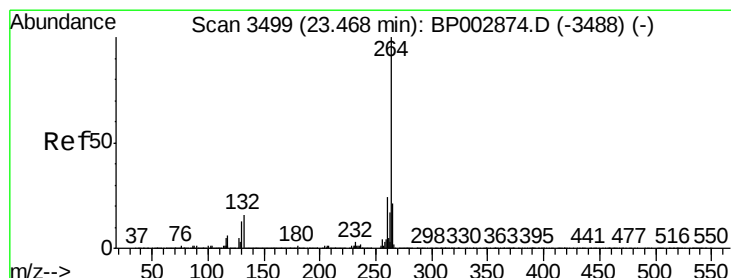
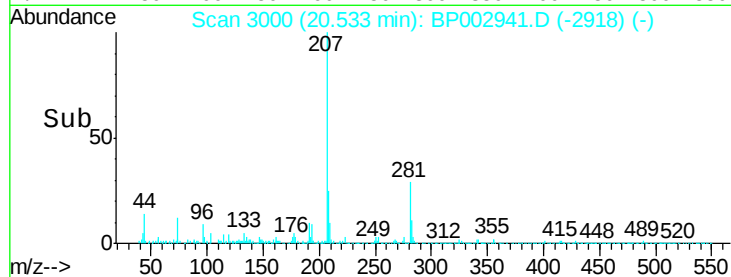
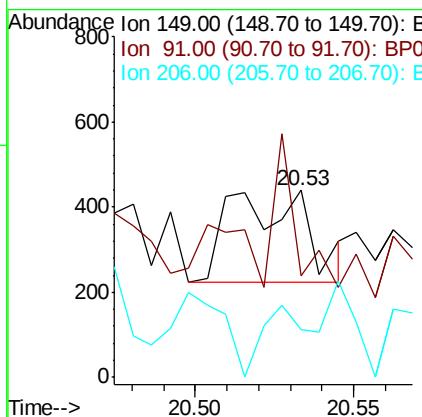
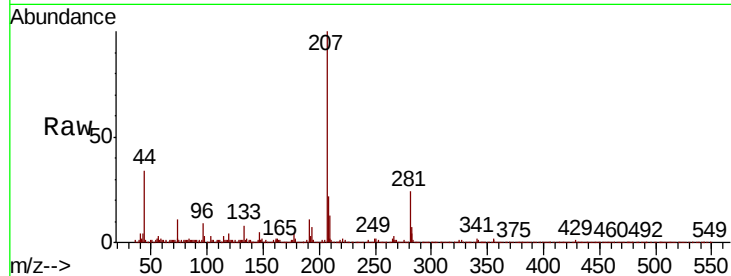




#80
Butylbenzylphthalate
Concen: 3.065 ng
RT: 20.53 min Scan# 3000
Delta R.T. 0.18 min
Lab File: BP002941.D
Acq: 11 Aug 2020 16:44

Instrument :
BNA_P
ClientSampleId :
PB130895BL

Tot Ion:149 Resp: 360
Ion Ratio Lower Upper
149 100
91 54.5 46.5 69.7
206 25.7 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: BP002941.D
Acq: 11 Aug 2020 16:44

Tgt Ion:264 Resp: 1468633
Ion Ratio Lower Upper
264 100
260 24.0 18.7 28.1
265 22.0 17.6 26.4

