

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP080720\
 Data File : BP002936.D
 Acq On : 07 Aug 2020 17:26
 Operator : CG/JU
 Sample : L3594-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-1

Quant Time: Aug 07 18:42:34 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP073020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 30 15:30:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	220523	20.00	ng	0.00
21) Naphthalene-d8	10.49	136	819286	20.00	ng	-0.01
39) Acenaphthene-d10	14.35	164	497267	20.00	ng	-0.01
64) Phenanthrene-d10	17.10	188	1120400	20.00	ng	-0.01
76) Chrysene-d12	21.19	240	1353005	20.00	ng	-0.01
86) Perylene-d12	23.44	264	1610283	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.32	112	1538067	106.75	ng	0.00
7) Phenol-d6	6.88	99	1708460	85.40	ng	-0.01
23) Nitrobenzene-d5	8.85	82	1206841	79.78	ng	-0.01
42) 2,4,6-Tribromophenol	15.84	330	864251	139.84	ng	0.00
45) 2-Fluorobiphenyl	12.97	172	3026409	83.15	ng	-0.01
79) Terphenyl-d14	19.67	244	5182599	76.68	ng	-0.01

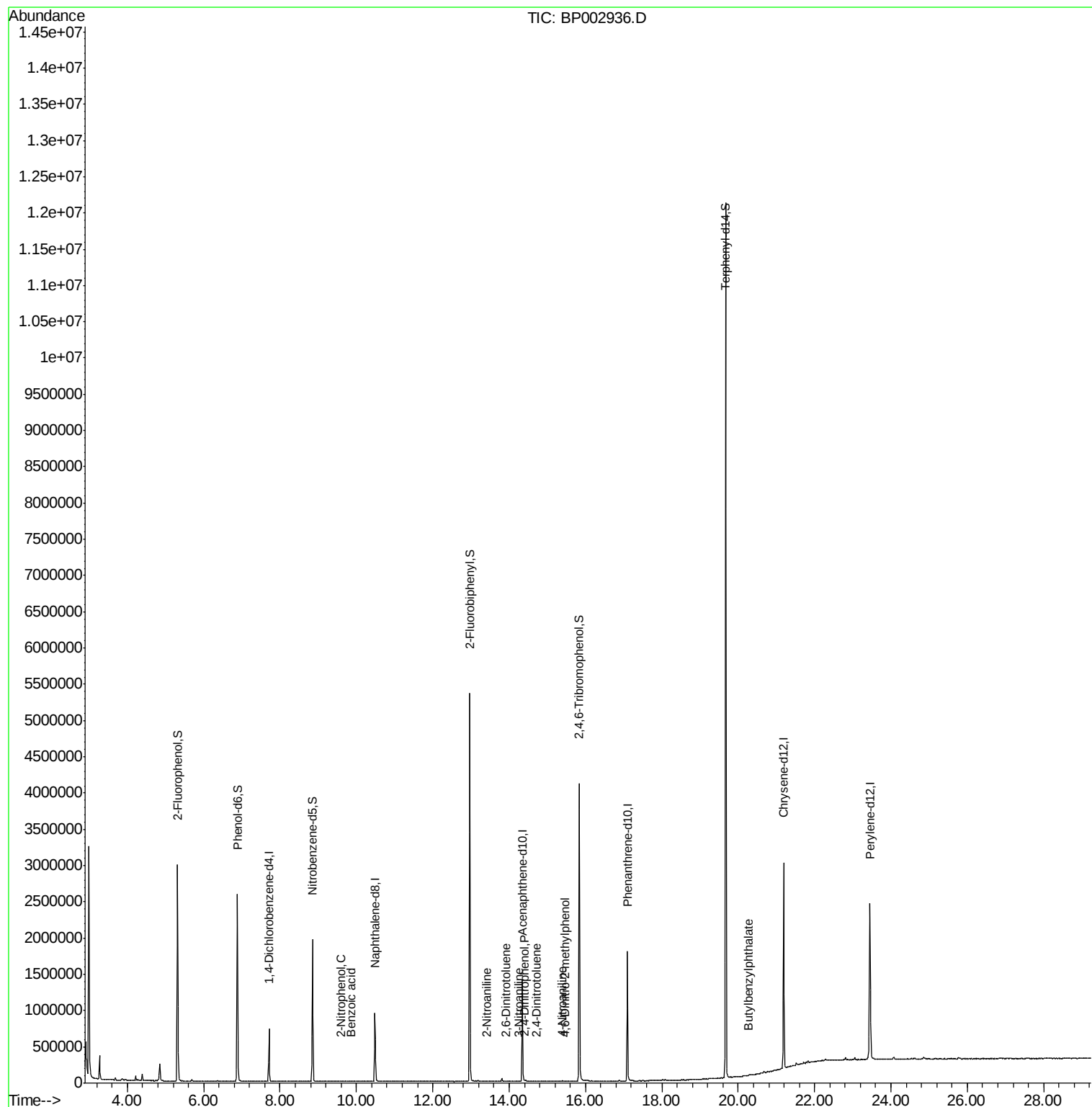
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
26) 2-Nitrophenol	9.60	139	30	4.524	ng	# 1
32) Benzoic acid	9.86	122	161	7.704	ng	# 88
48) 2-Nitroaniline	13.40	65	152	3.989	ng	# 46
51) 2,6-Dinitrotoluene	13.92	165	190	2.920	ng	# 58
53) 3-Nitroaniline	14.26	138	88	3.282	ng	# 1
54) 2,4-Dinitrophenol	14.40	184	11	8.060	ng	# 1
57) 2,4-Dinitrotoluene	14.70	165	323	3.832	ng	# 53
62) 4-Nitroaniline	15.40	138	50	2.421	ng	# 16
65) 4,6-Dinitro-2-methylphenol	15.46	198	30	6.905	ng	# 1
80) Butylbenzylphthalate	20.26	149	167	3.062	ng	# 86

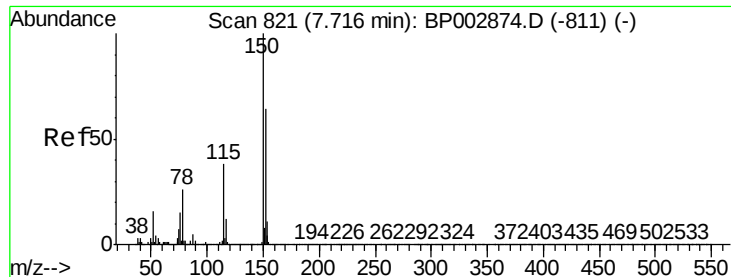
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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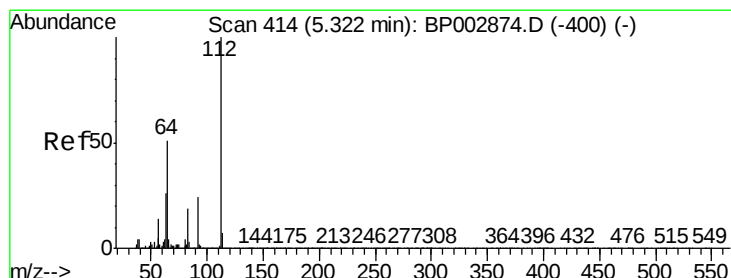
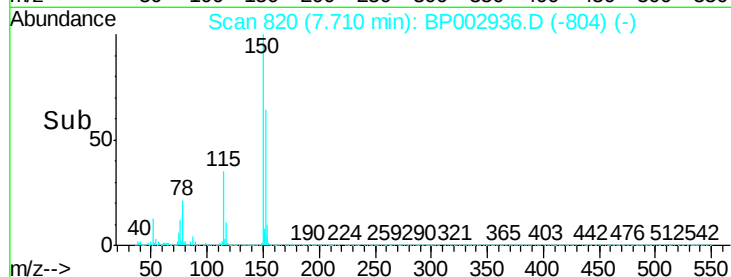
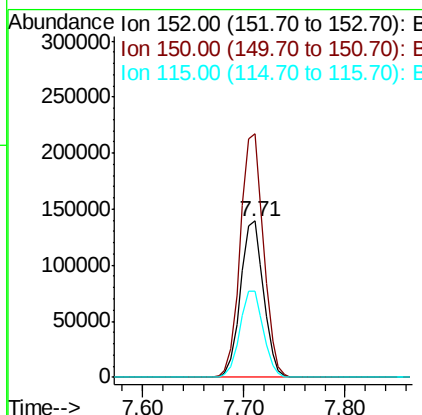
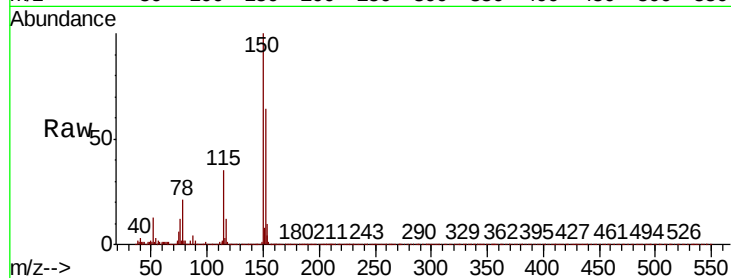


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.71 min Scan# 820
Delta R.T. -0.01 min
Lab File: BP002936.D
Acq: 07 Aug 2020 17:26

Instrument :
BNA_P
ClientSampleId :
TP-1

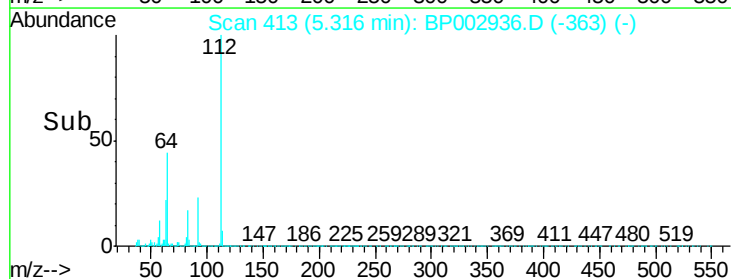
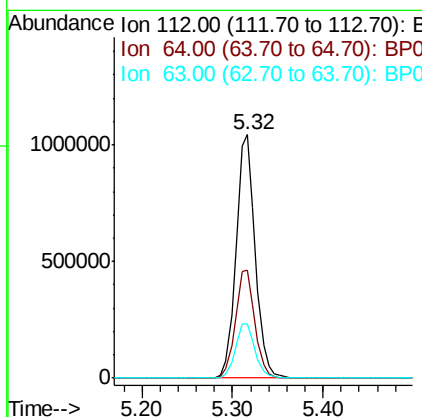
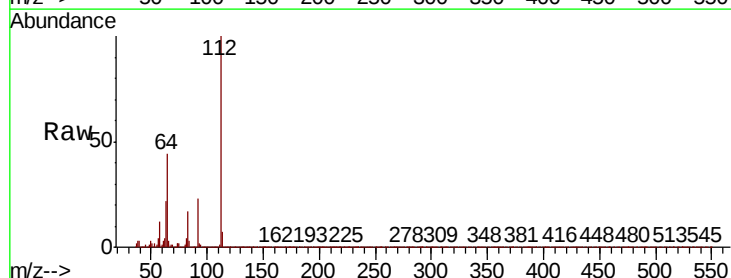
Tot Ion	Ratio	Lower	Upper
152	100		
150	155.9	124.8	187.2
115	55.2	47.4	71.2



#5

2-Fluorophenol
Concen: 106.747 ng
RT: 5.32 min Scan# 413
Delta R.T. -0.01 min
Lab File: BP002936.D
Acq: 07 Aug 2020 17:26

Tgt Ion	Ratio	Lower	Upper
112	100		
64	44.1	41.0	61.6
63	22.2	20.7	31.1





#7

Phenol-d6

Concen: 85.404 ng

RT: 6.88 min Scan# 679

Delta R.T. -0.01 min

Lab File: BP002936.D

Acq: 07 Aug 2020 17:26

Instrument :

BNA_P

ClientSampled :

TP-1

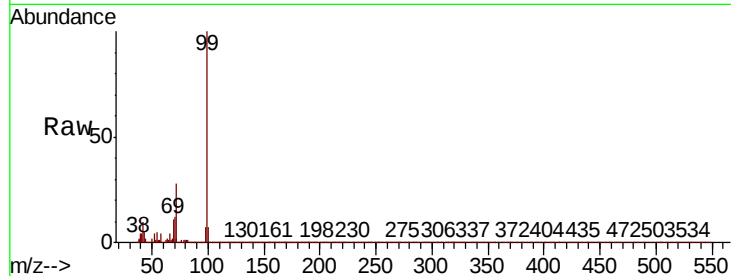
Tot Ion: 99 Resp: 1708460

Ion Ratio Lower Upper

99 100

42 10.5 9.3 13.9

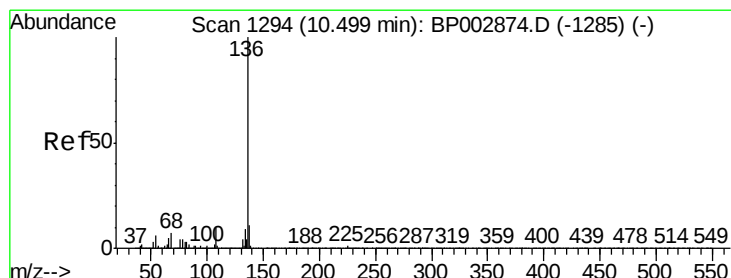
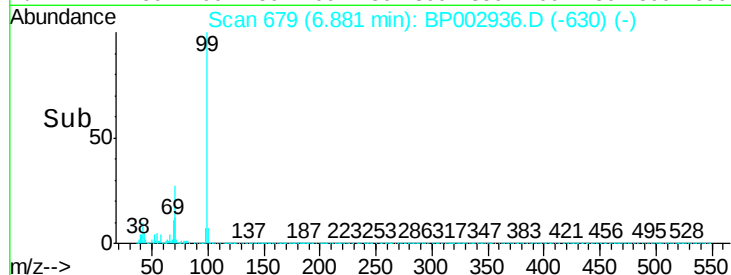
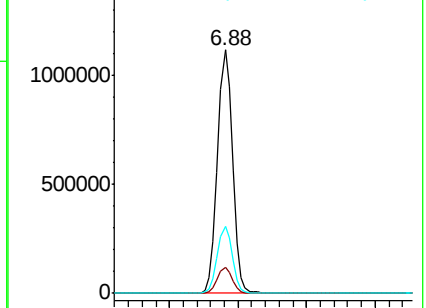
71 27.5 23.5 35.3



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: 10.49 min Scan# 1292

Delta R.T. -0.01 min

Lab File: BP002936.D

Acq: 07 Aug 2020 17:26

Tgt Ion: 136 Resp: 819286

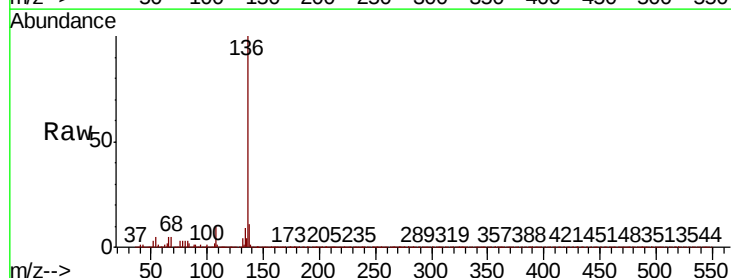
Ion Ratio Lower Upper

136 100

137 10.8 8.6 13.0

54 5.3 5.1 7.7

68 5.2 5.3 7.9#

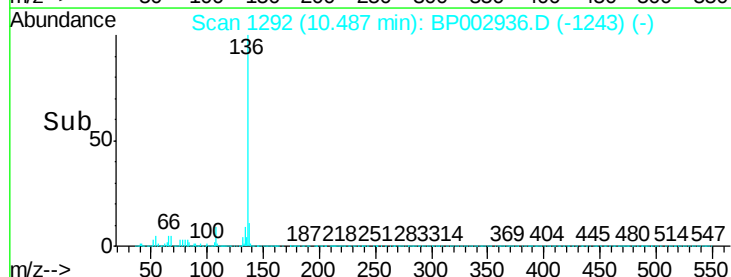
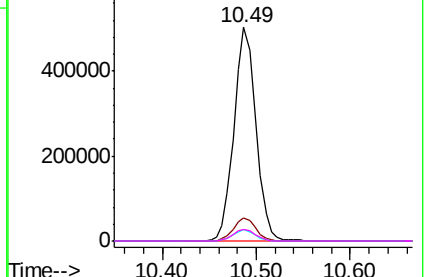


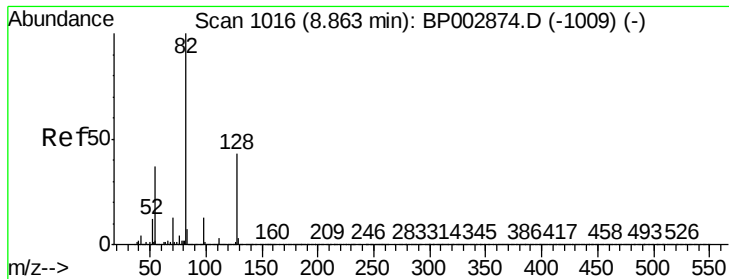
Abundance Ion 136.00 (135.70 to 136.70): E

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

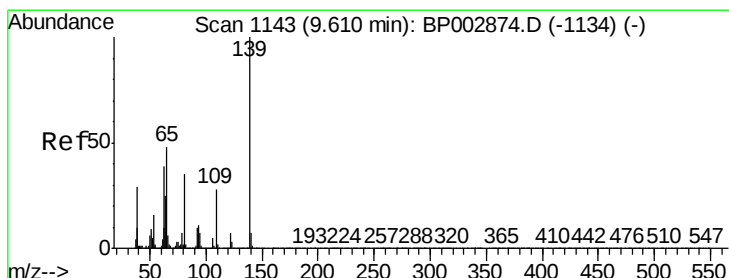
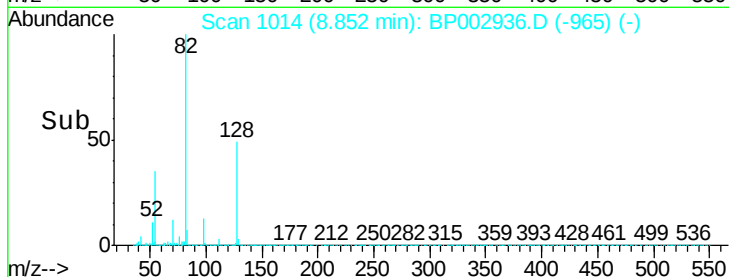
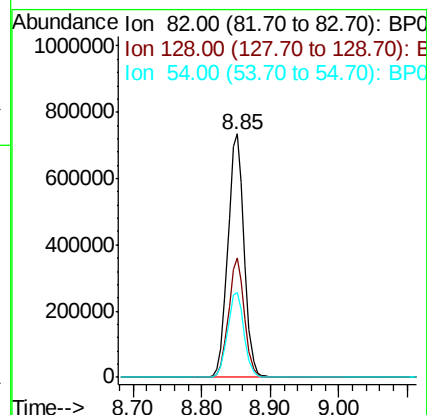
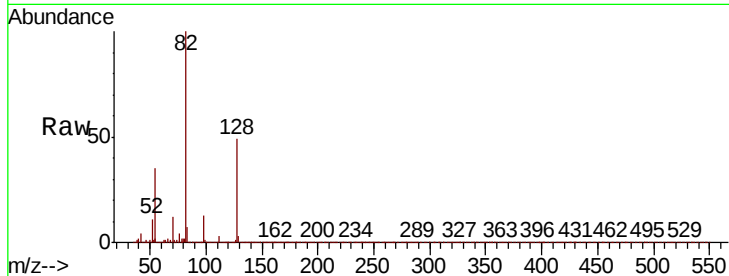




#23
Nitrobenzene-d5
Concen: 79.783 ng
RT: 8.85 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BP002936.D
Acq: 07 Aug 2020 17:26

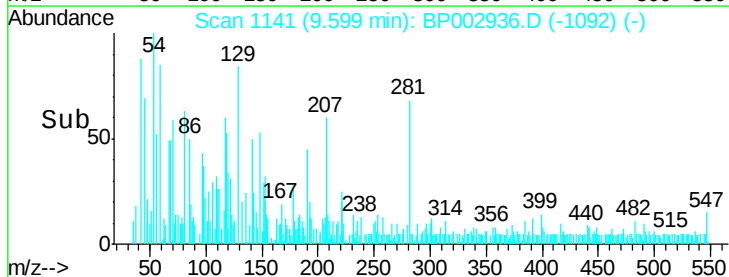
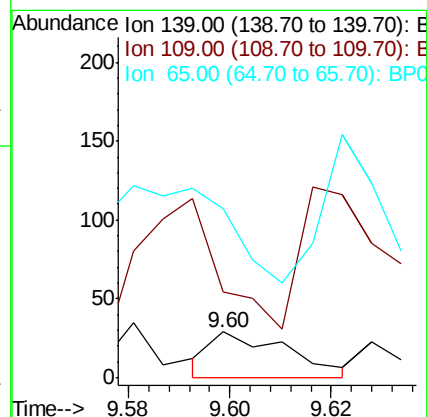
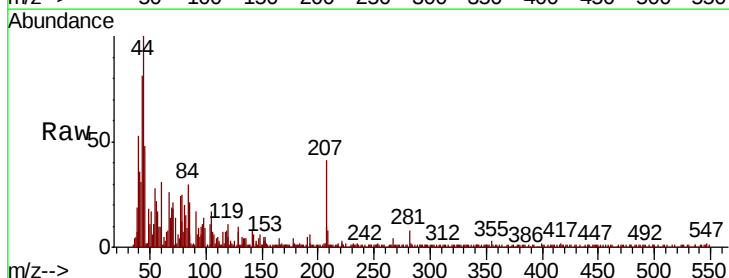
Instrument :
BNA_P
ClientSampled :
TP-1

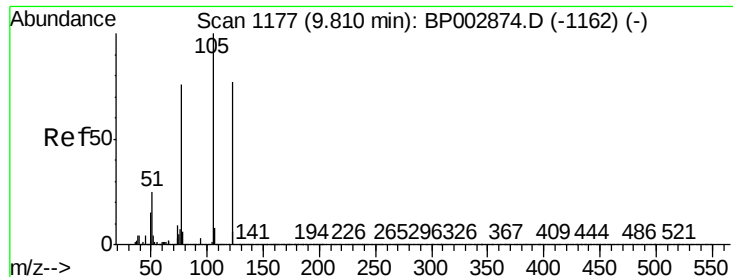
Tot Ion: 82 Resp: 1206841
Ion Ratio Lower Upper
82 100
128 48.8 34.6 52.0
54 35.0 29.5 44.3



#26
2-Nitrophenol
Concen: 4.524 ng
RT: 9.60 min Scan# 1141
Delta R.T. -0.01 min
Lab File: BP002936.D
Acq: 07 Aug 2020 17:26

Tgt Ion:139 Resp: 30
Ion Ratio Lower Upper
139 100
109 186.2 22.2 33.2#
65 369.0 38.9 58.3#

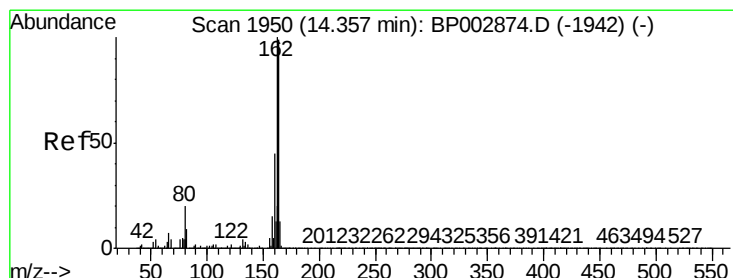
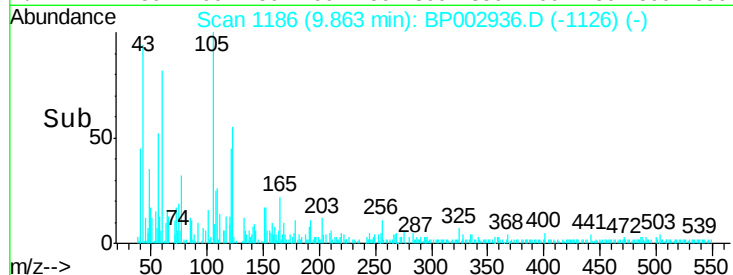
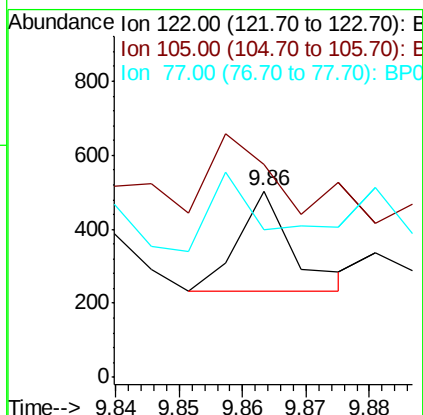
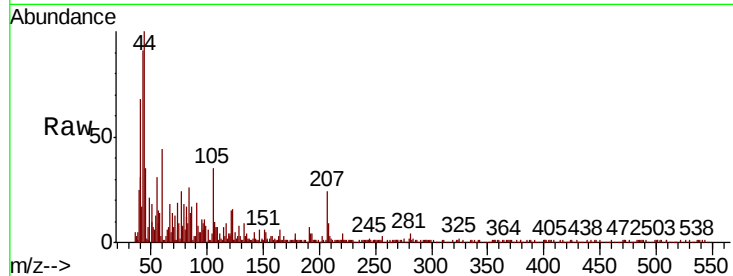




#32
Benzoic acid
Concen: 7.704 ng
RT: 9.86 min Scan# 1186
Delta R.T. 0.05 min
Lab File: BP002936.D
Acq: 07 Aug 2020 17:26

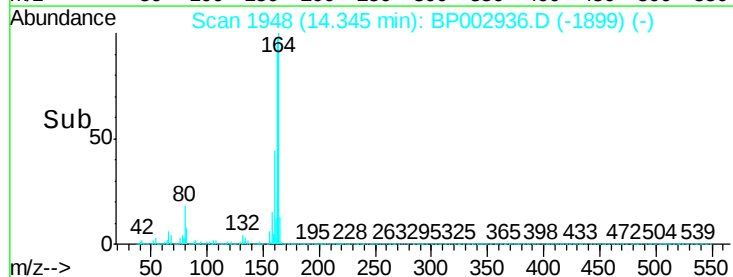
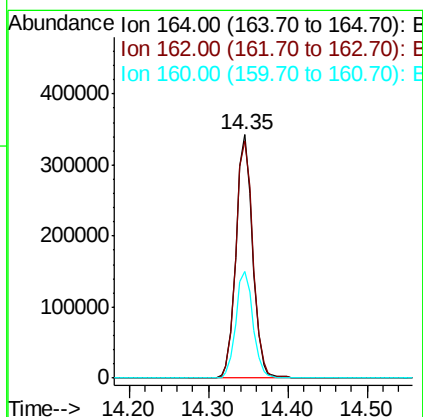
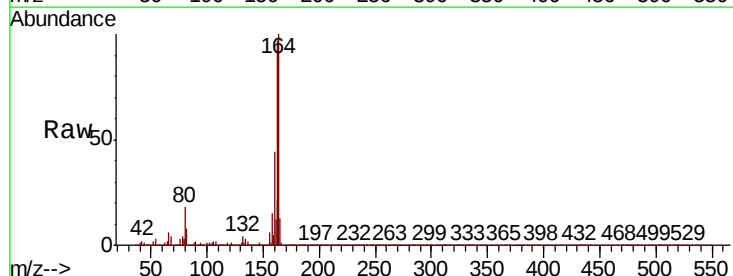
Instrument :
BNA_P
ClientSampled :
TP-1

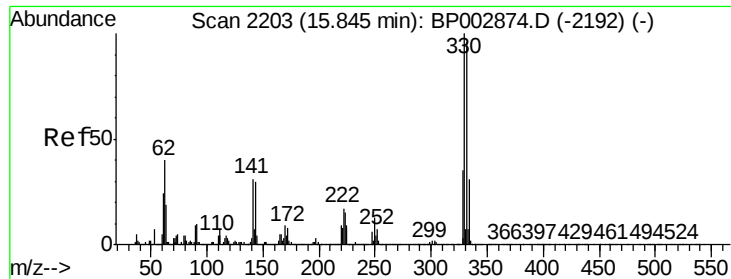
Tot Ion:122 Resp: 161
Ion Ratio Lower Upper
122 100
105 114.1 103.4 143.4
77 79.1 74.6 114.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.35 min Scan# 1948
Delta R.T. -0.01 min
Lab File: BP002936.D
Acq: 07 Aug 2020 17:26

Tgt Ion:164 Resp: 497267
Ion Ratio Lower Upper
164 100
162 97.4 81.0 121.6
160 44.1 36.2 54.4

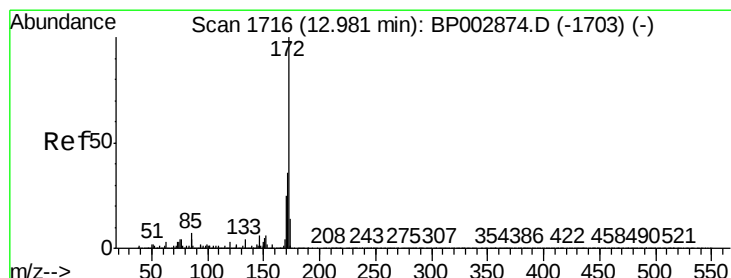
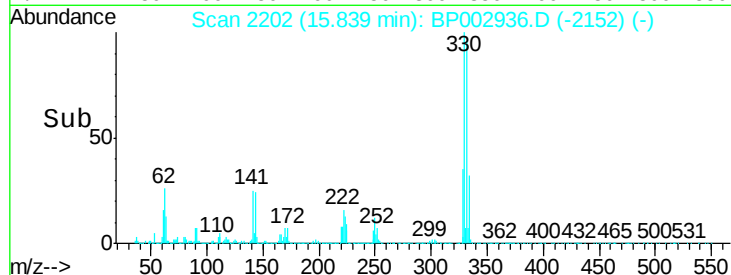
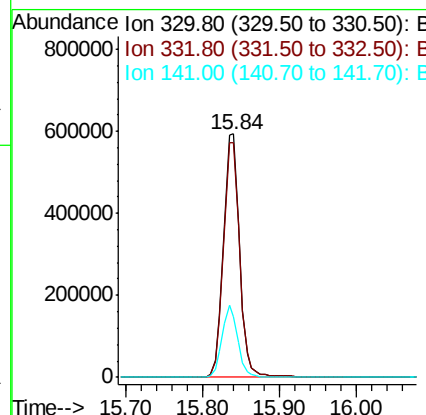
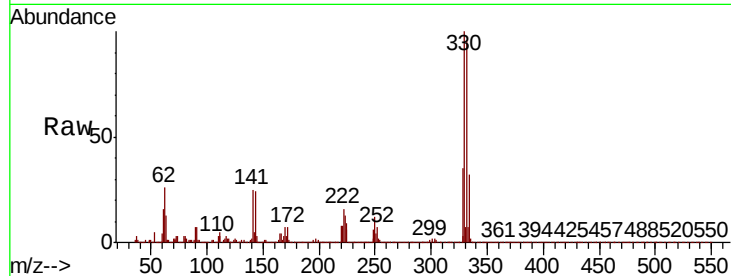




#42
 2,4,6-Tribromophenol
 Concen: 139.836 ng
 RT: 15.84 min Scan# 2202
 Delta R.T. -0.01 min
 Lab File: BP002936.D
 Acq: 07 Aug 2020 17:26

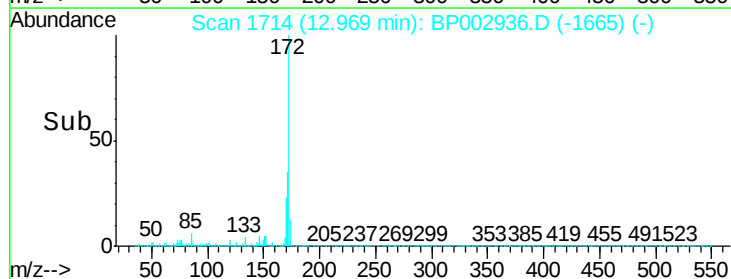
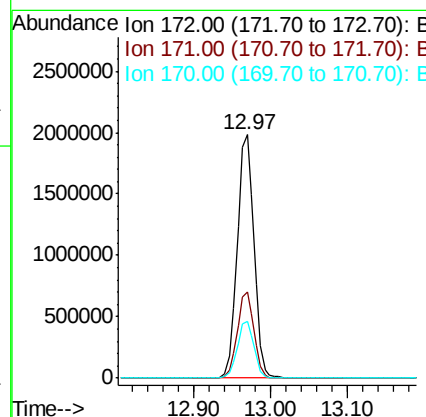
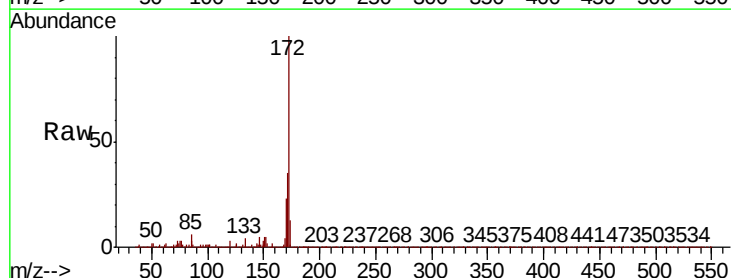
Instrument :
 BNA_P
 ClientSampleId :
 TP-1

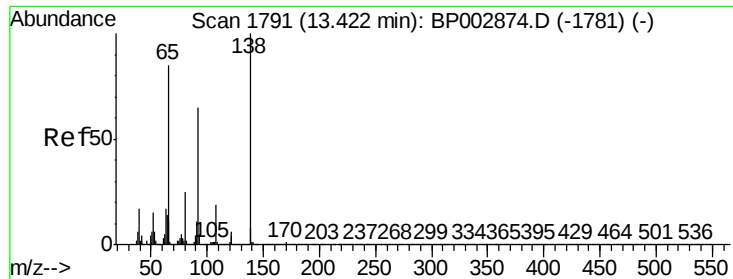
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.1	115.7
141	28.6	24.6	37.0



#45
 2-Fluorobiphenyl
 Concen: 83.154 ng
 RT: 12.97 min Scan# 1714
 Delta R.T. -0.01 min
 Lab File: BP002936.D
 Acq: 07 Aug 2020 17:26

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.2	29.1	43.7
170	23.5	19.6	29.4

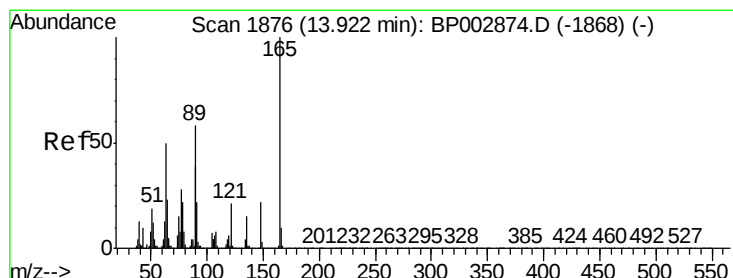
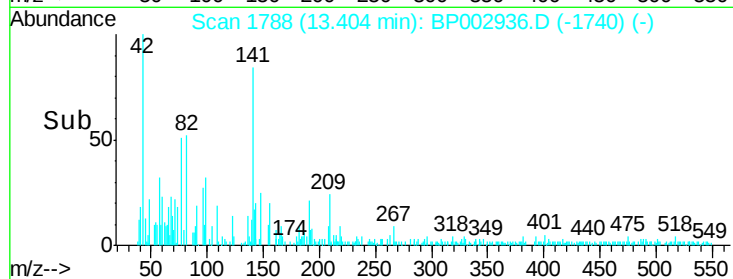
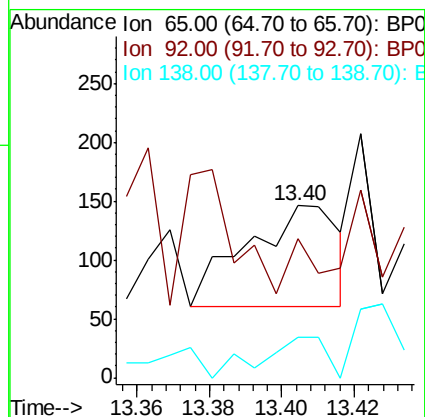
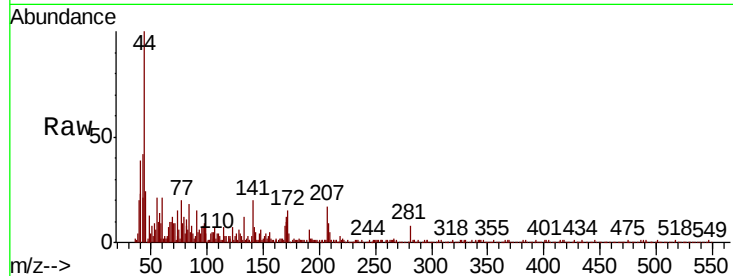




#48
2-Nitroaniline
Concen: 3.989 ng
RT: 13.40 min Scan# 1788
Delta R.T. -0.02 min
Lab File: BP002936.D
Acq: 07 Aug 2020 17:26

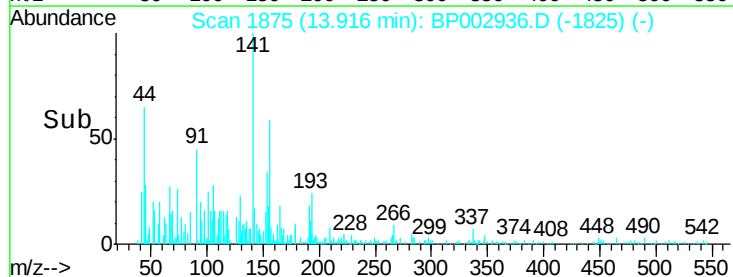
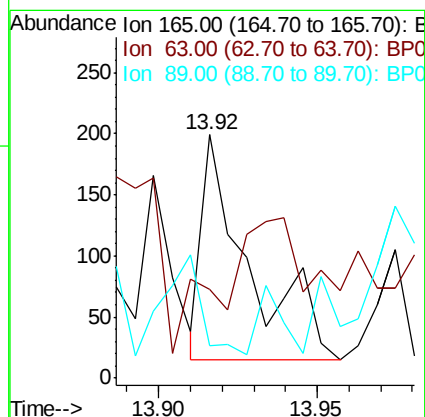
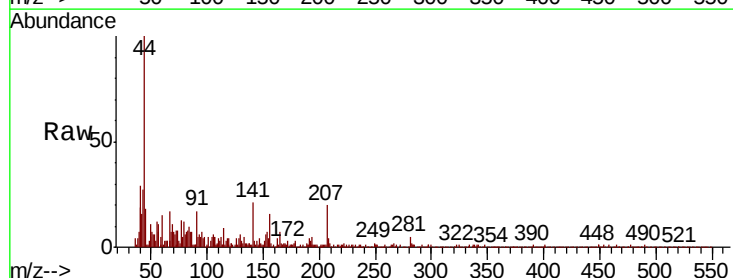
Instrument :
BNA_P
ClientSampled :
TP-1

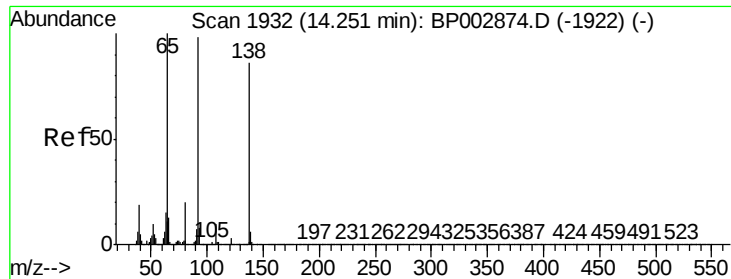
Tot Ion: 65 Resp: 152
Ion Ratio Lower Upper
65 100
92 80.8 61.4 92.0
138 23.3 94.2 141.4#



#51
2,6-Dinitrotoluene
Concen: 2.920 ng
RT: 13.92 min Scan# 1875
Delta R.T. -0.00 min
Lab File: BP002936.D
Acq: 07 Aug 2020 17:26

Tgt Ion: 165 Resp: 190
Ion Ratio Lower Upper
165 100
63 36.7 40.3 60.5#
89 13.1 46.5 69.7#

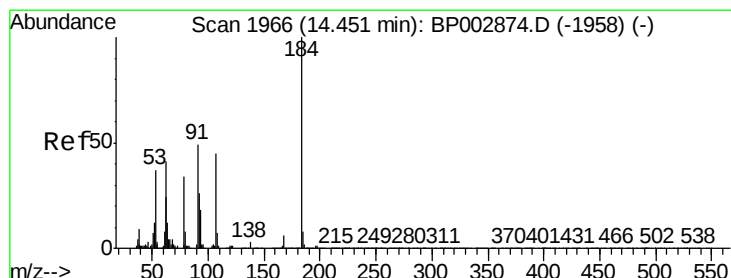
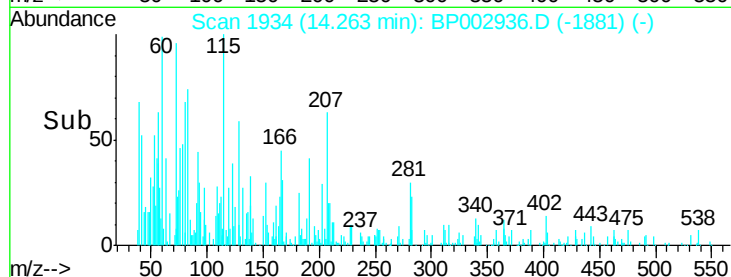
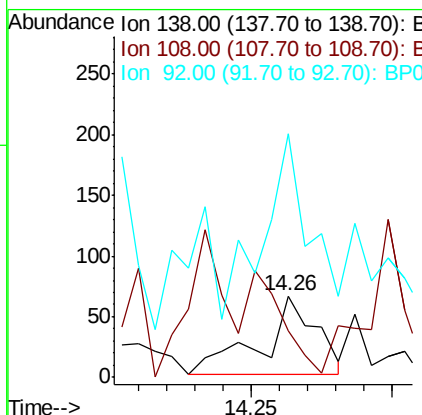
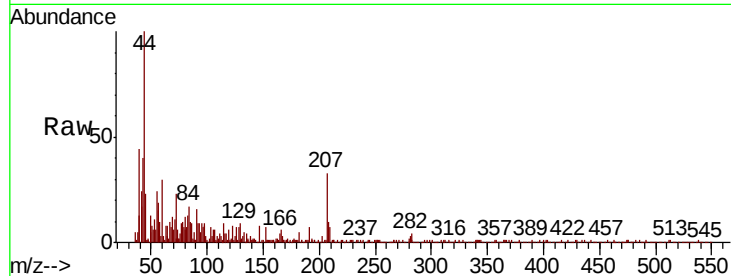




#53
3-Nitroaniline
Concen: 3.282 ng
RT: 14.26 min Scan# 1934
Delta R.T. 0.01 min
Lab File: BP002936.D
Acq: 07 Aug 2020 17:26

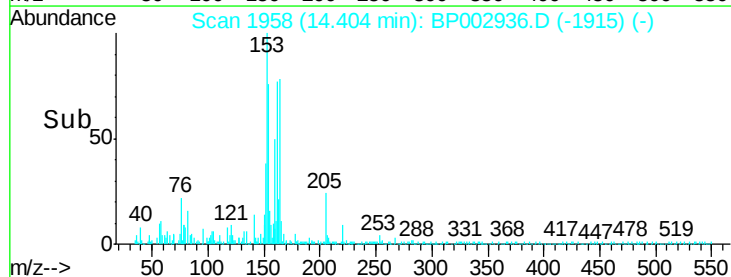
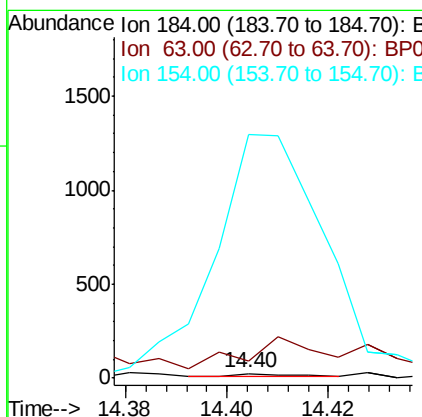
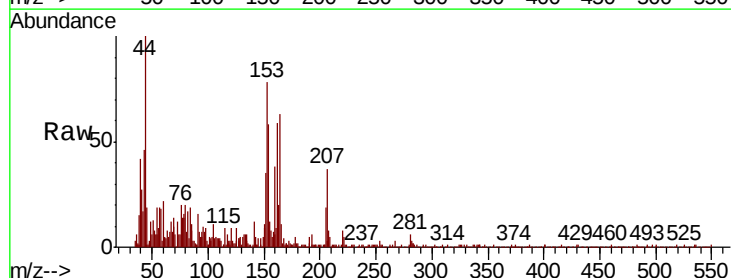
Instrument :
BNA_P
ClientSampled :
TP-1

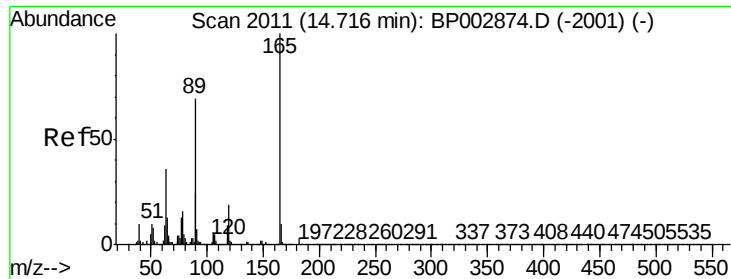
Tot Ion:138 Resp: 88
Ion Ratio Lower Upper
138 100
108 56.7 9.4 14.0#
92 300.0 91.0 136.6#



#54
2,4-Dinitrophenol
Concen: 8.060 ng
RT: 14.40 min Scan# 1958
Delta R.T. -0.05 min
Lab File: BP002936.D
Acq: 07 Aug 2020 17:26

Tgt Ion:184 Resp: 11
Ion Ratio Lower Upper
184 100
63 391.3 50.3 75.5#
154 5634.8 50.6 76.0#

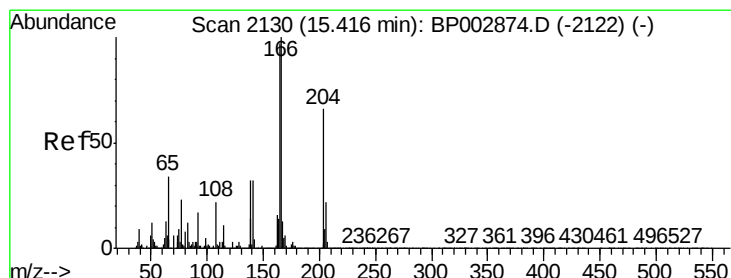
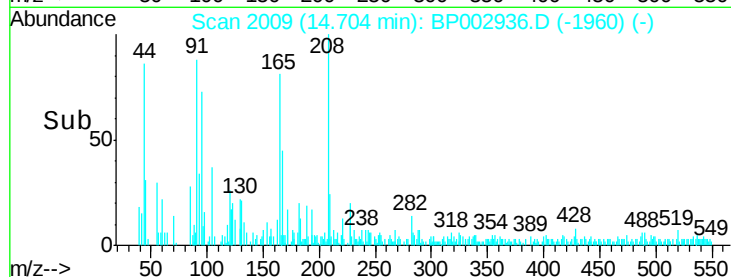
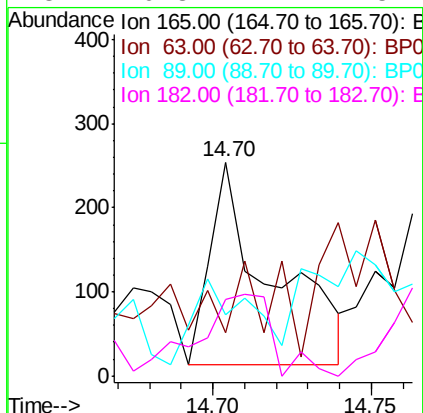
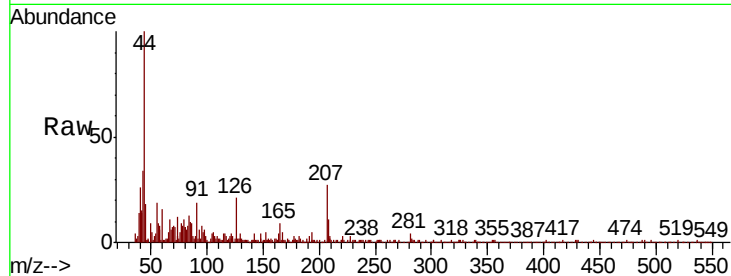




#57
2,4-Dinitrotoluene
Concen: 3.832 ng
RT: 14.70 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BP002936.D
Acq: 07 Aug 2020 17:26

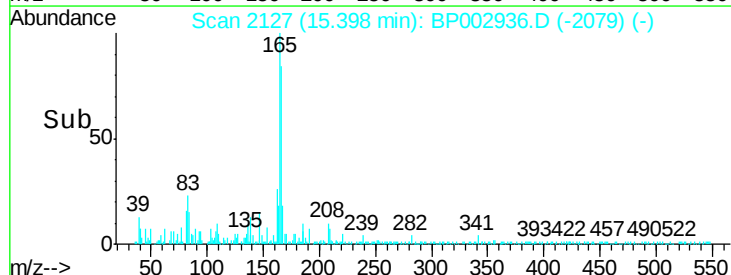
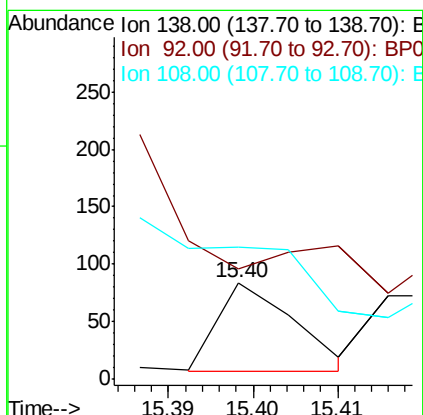
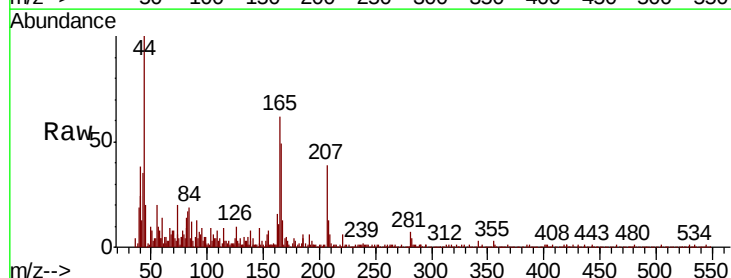
Instrument :
BNA_P
ClientSampleId :
TP-1

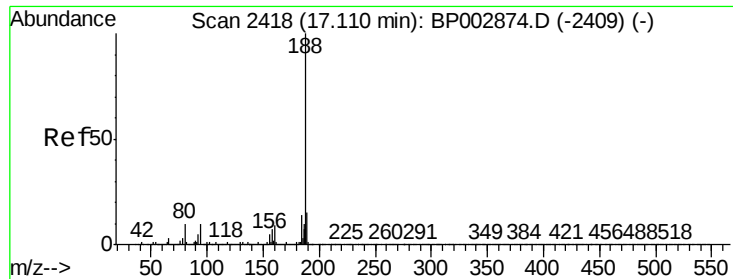
Tot Ion:165	Resp:	323
Ion	Ratio	Lower Upper
165	100	
63	18.4	29.0 43.4#
89	25.8	55.5 83.3#
182	40.3	2.2 3.4#



#62
4-Nitroaniline
Concen: 2.421 ng
RT: 15.40 min Scan# 2127
Delta R.T. -0.02 min
Lab File: BP002936.D
Acq: 07 Aug 2020 17:26

Tgt Ion:138	Resp:	50
Ion	Ratio	Lower Upper
138	100	
92	114.3	32.2 72.2#
108	136.9	50.0 90.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.10 min Scan# 2416

Delta R.T. -0.01 min

Lab File: BP002936.D

Acq: 07 Aug 2020 17:26

Instrument :

BNA_P

ClientSampled :

TP-1

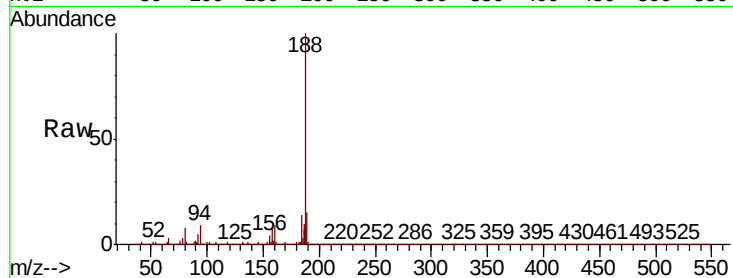
Tot Ion:188 Resp: 1120400

Ion Ratio Lower Upper

188 100

94 8.7 7.8 11.6

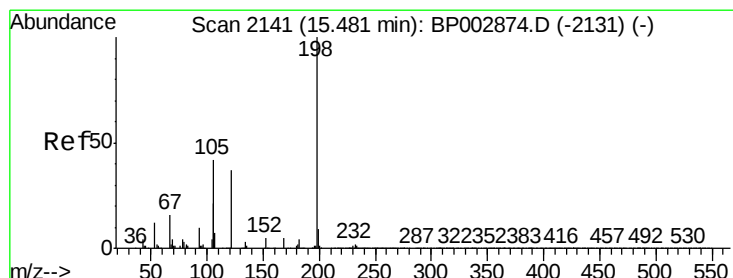
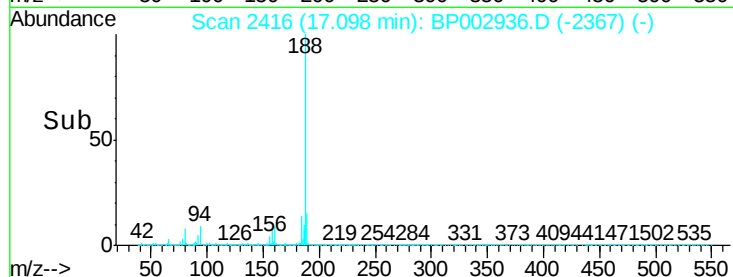
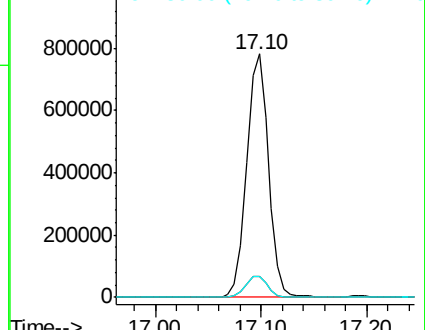
80 8.5 8.0 12.0



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: 6.905 ng

RT: 15.46 min Scan# 2137

Delta R.T. -0.02 min

Lab File: BP002936.D

Acq: 07 Aug 2020 17:26

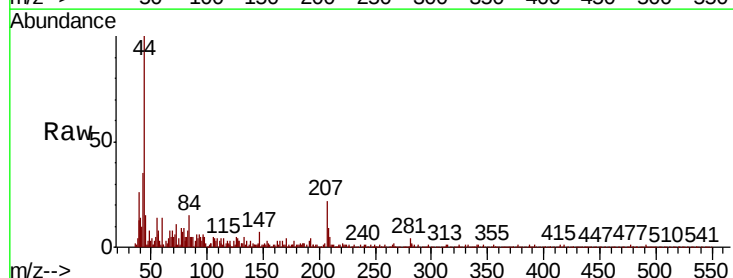
Tgt Ion:198 Resp: 30

Ion Ratio Lower Upper

198 100

51 475.0 11.6 51.6#

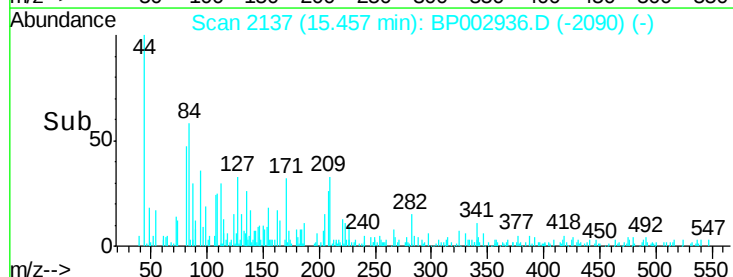
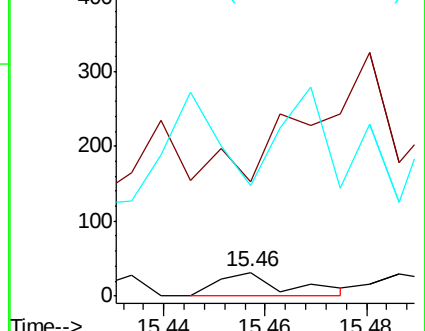
105 462.5 23.8 63.8#

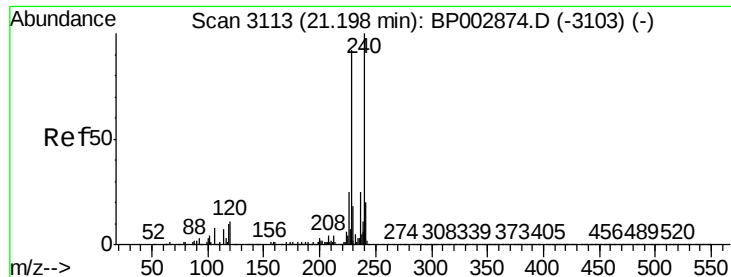


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BP0

Ion 105.00 (104.70 to 105.70): E

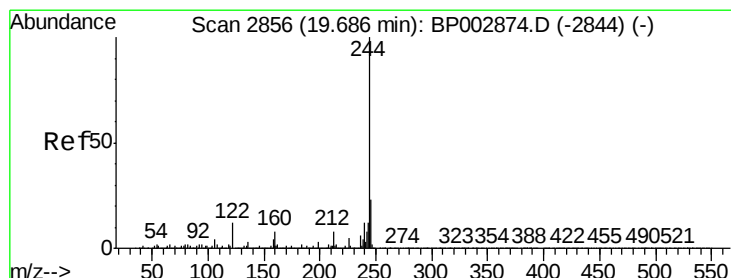
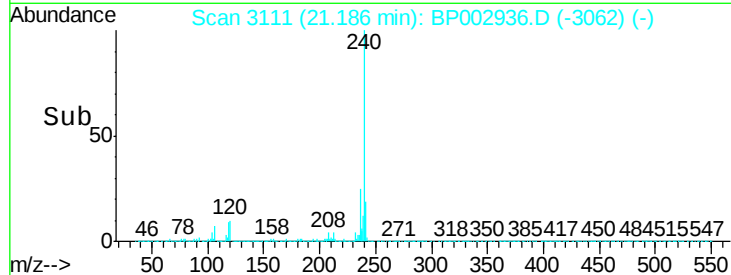
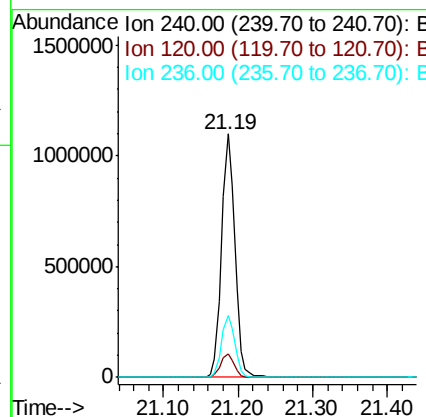
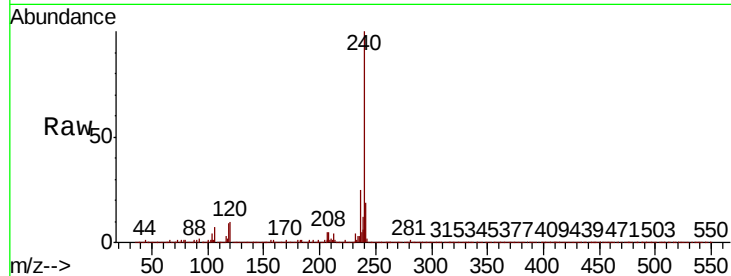




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.19 min Scan# 3111
 Delta R.T. -0.01 min
 Lab File: BP002936.D
 Acq: 07 Aug 2020 17:26

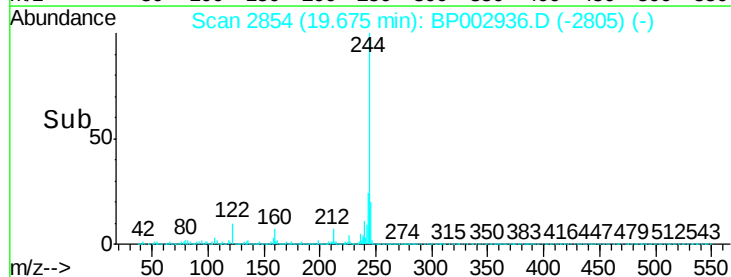
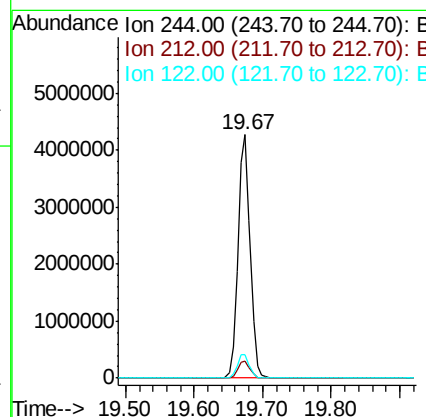
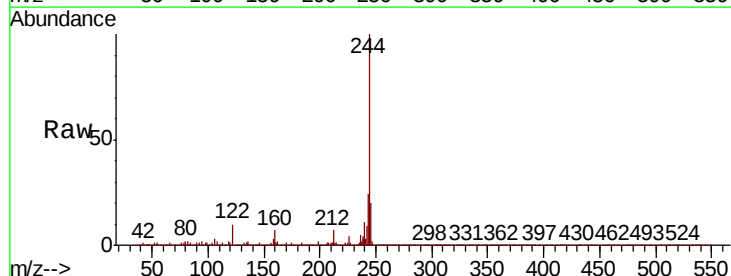
Instrument :
 BNA_P
 ClientSampled :
 TP-1

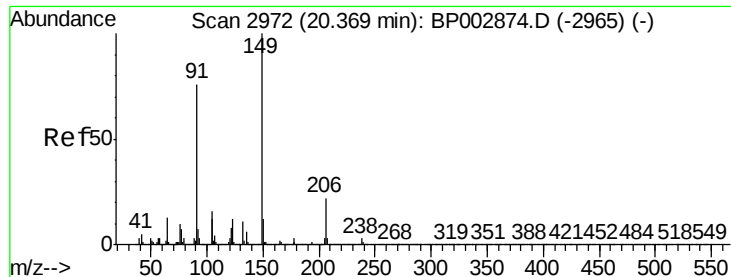
Tot Ion:240 Resp: 1353005
 Ion Ratio Lower Upper
 240 100
 120 9.6 8.9 13.3
 236 25.3 20.3 30.5



#79
 Terphenyl-d14
 Concen: 76.684 ng
 RT: 19.67 min Scan# 2854
 Delta R.T. -0.01 min
 Lab File: BP002936.D
 Acq: 07 Aug 2020 17:26

Tgt Ion:244 Resp: 5182599
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.4 9.6
 122 9.8 9.4 14.2

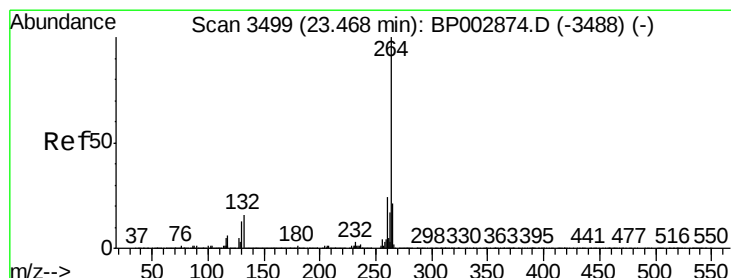
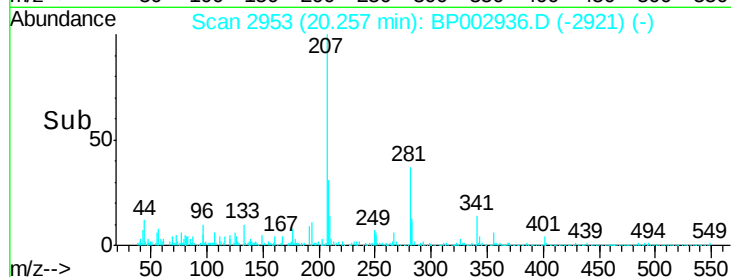
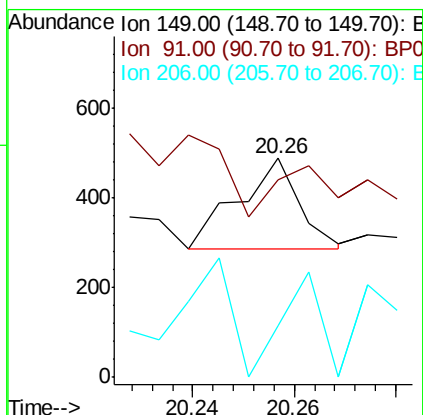
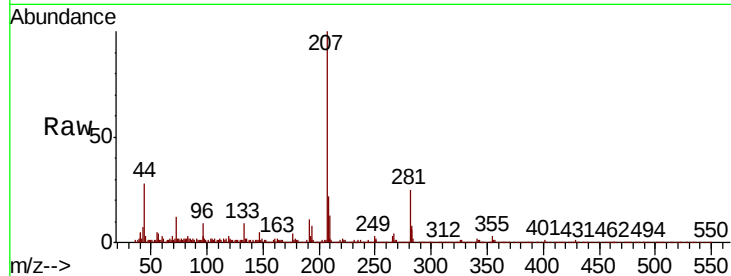




#80
Butylbenzylphthalate
Concen: 3.062 ng
RT: 20.26 min Scan# 2953
Delta R.T. -0.11 min
Lab File: BP002936.D
Acq: 07 Aug 2020 17:26

Instrument :
BNA_P
ClientSampled :
TP-1

Tot Ion	Ratio	Lower	Upper
149	100		
91	90.6	60.5	90.7
206	23.8	17.5	26.3



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.44 min Scan# 3495
Delta R.T. -0.02 min
Lab File: BP002936.D
Acq: 07 Aug 2020 17:26

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.0	28.6
265	22.0	17.0	25.4

