

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP080720\
 Data File : BP002935.D
 Acq On : 07 Aug 2020 16:10
 Operator : CG/JU
 Sample : L3594-10
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-3

Quant Time: Aug 07 16:56:07 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

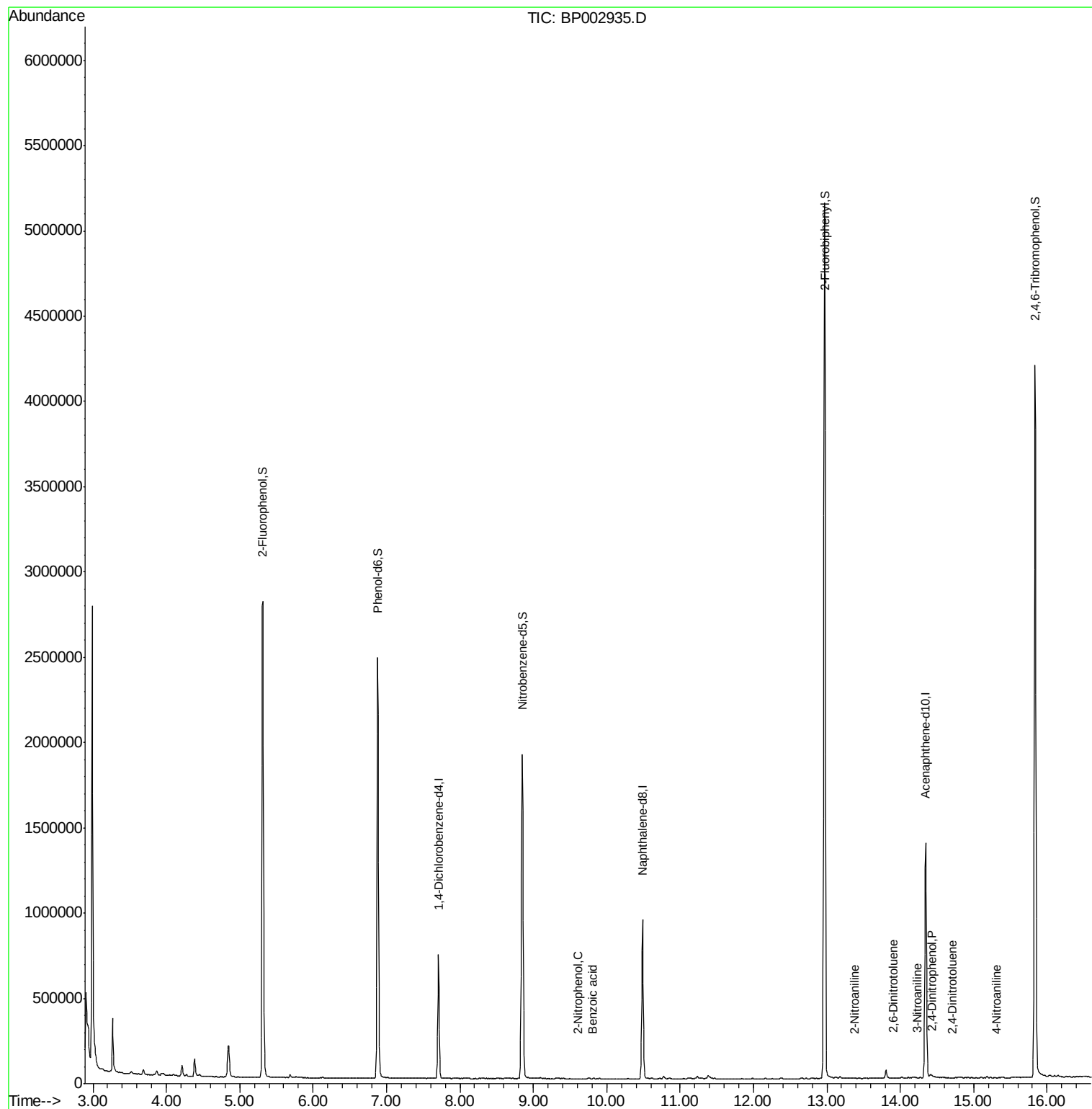
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	217332	20.00	ng	0.00
21) Naphthalene-d8	10.49	136	808243	20.00	ng	-0.01
39) Acenaphthene-d10	14.35	164	493544	20.00	ng	-0.01
64) Phenanthrene-d10	0.00	188	0	0.00	ng	-17.11
76) Chrysene-d12	0.00	240	0	0.00	ng	-21.20
86) Perylene-d12	0.00	264	0	0.00	ng	-23.47
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	1466795	103.29	ng	0.00
7) Phenol-d6	6.88	99	1624086	82.38	ng	-0.01
23) Nitrobenzene-d5	8.85	82	1168483	78.30	ng	-0.01
42) 2,4,6-Tribromophenol	15.83	330	886714	144.55	ng	-0.01
45) 2-Fluorobiphenyl	12.97	172	2895712	80.16	ng	-0.01
79) Terphenyl-d14	0.00	244	0	0.00	ng	
Target Compounds						
26) 2-Nitrophenol	9.61	139	36	4.525	ng	# 1
32) Benzoic acid	9.80	122	137	7.701	ng	# 85
48) 2-Nitroaniline	13.38	65	123	3.986	ng	# 44
51) 2,6-Dinitrotoluene	13.91	165	347	2.937	ng	# 92
53) 3-Nitroaniline	14.24	138	154	3.289	ng	# 64
54) 2,4-Dinitrophenol	14.44	184	29	8.064	ng	# 1
57) 2,4-Dinitrotoluene	14.70	165	67	3.811	ng	# 55
62) 4-Nitroaniline	15.31	138	250	2.443	ng	# 83

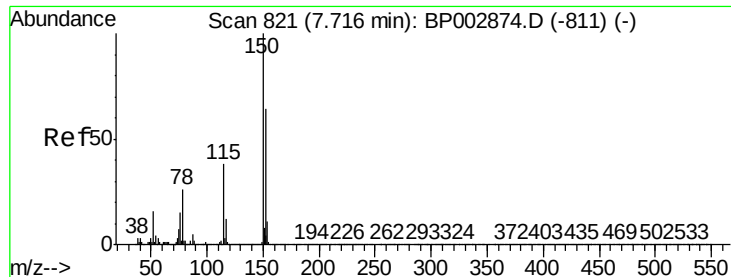
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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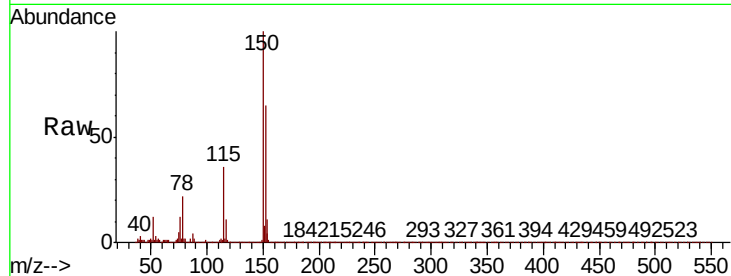


#1

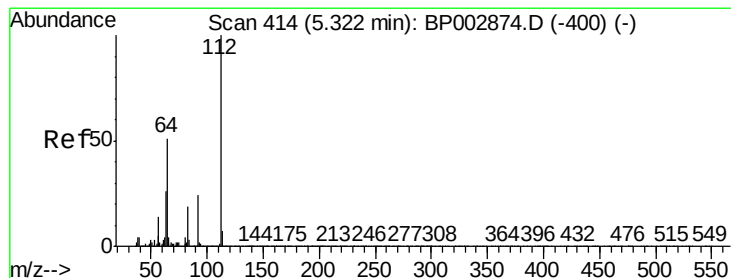
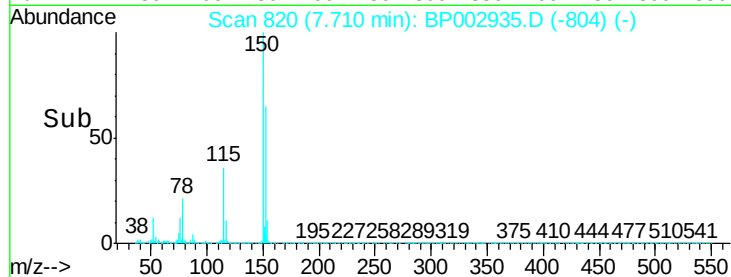
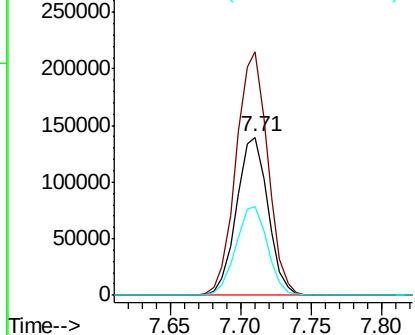
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.71 min Scan# 820
Delta R.T. -0.01 min
Lab File: BP002935.D
Acq: 07 Aug 2020 16:10

Instrument :
BNA_P
ClientSampled :
TP-3

Tot Ion	152	Resp	217332
Ion	Ratio	Lower	Upper
152	100		
150	154.2	124.8	187.2
115	56.2	47.4	71.2



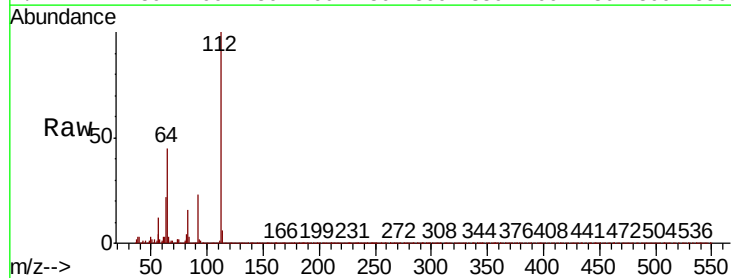
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



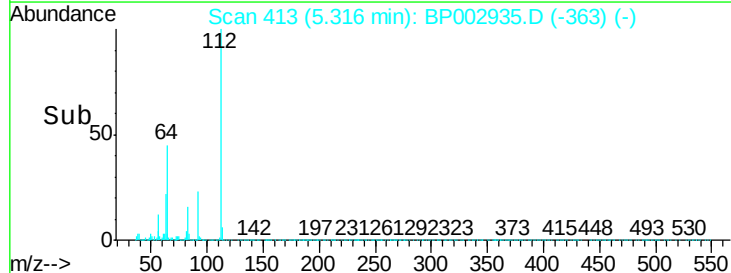
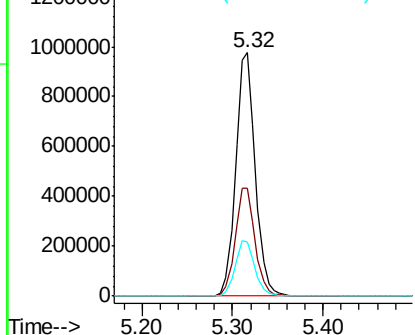
#5

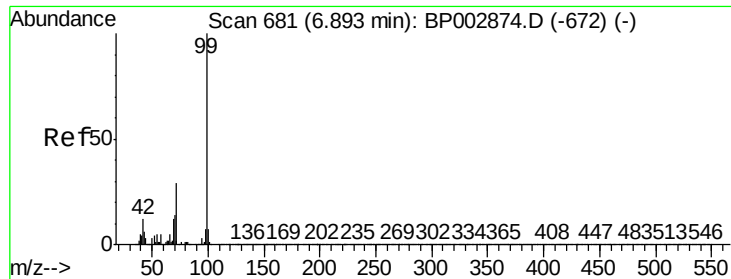
2-Fluorophenol
Concen: 103.295 ng
RT: 5.32 min Scan# 413
Delta R.T. -0.01 min
Lab File: BP002935.D
Acq: 07 Aug 2020 16:10

Tgt Ion	112	Resp	1466795
Ion	Ratio	Lower	Upper
112	100		
64	44.5	41.0	61.6
63	22.3	20.7	31.1



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: 82.378 ng

RT: 6.88 min Scan# 679

Delta R.T. -0.01 min

Lab File: BP002935.D

Acq: 07 Aug 2020 16:10

Instrument :

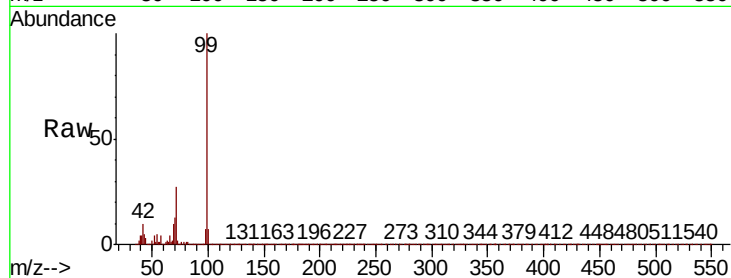
BNA_P

ClientSampled :

TP-3

Tot Ion: 99 Resp: 1624086

Ion	Ratio	Lower	Upper
99	100		
42	10.5	9.3	13.9
71	27.4	23.5	35.3

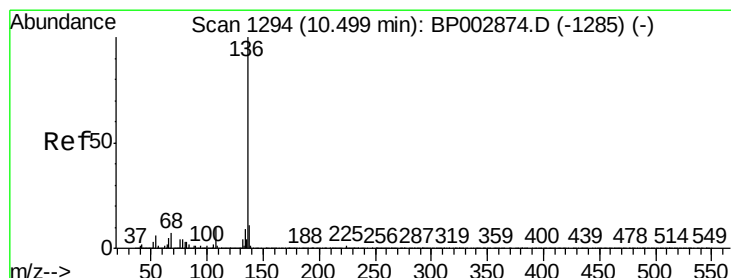
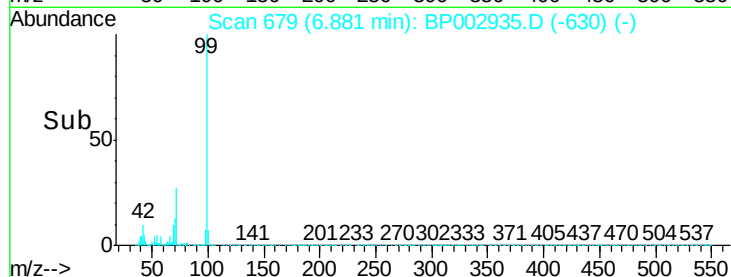


Abundance

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

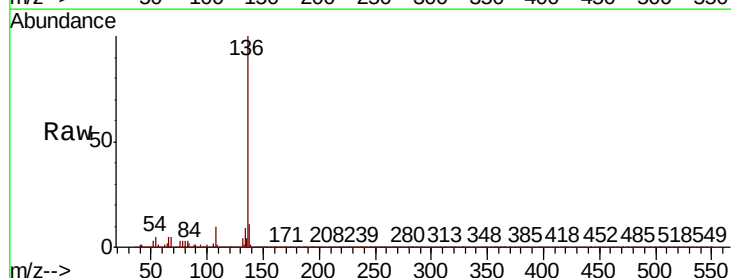
Delta R.T. -0.01 min

Lab File: BP002935.D

Acq: 07 Aug 2020 16:10

Tgt Ion: 136 Resp: 808243

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	13.0
54	5.2	5.1	7.7
68	5.3	5.3	7.9



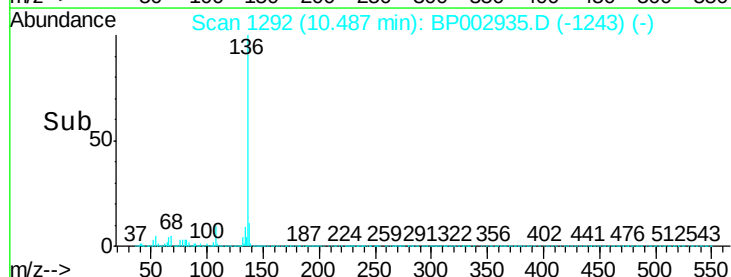
Abundance

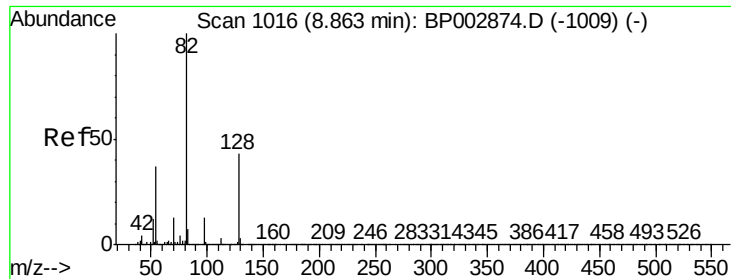
Ion 136.00 (135.70 to 136.70): E

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

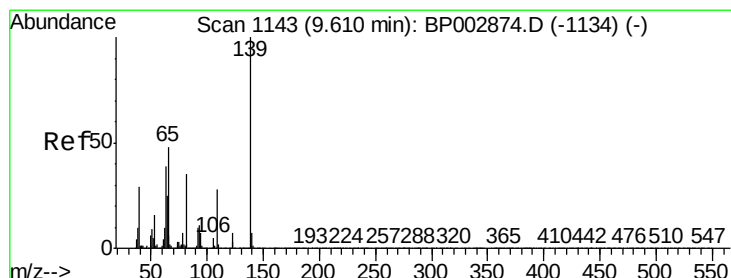
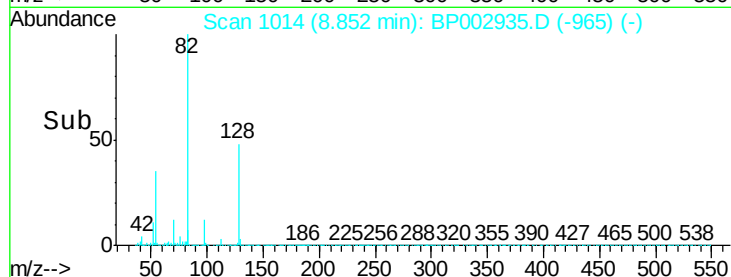
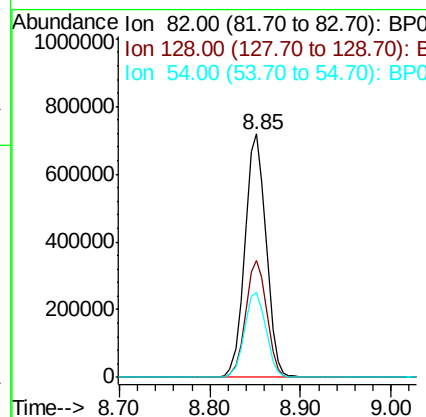
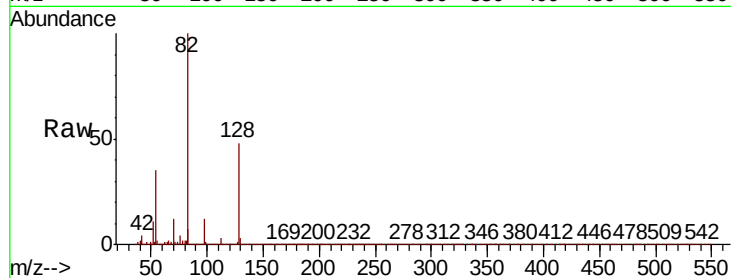




#23
 Nitrobenzene-d5
 Concen: 78.303 ng
 RT: 8.85 min Scan# 1014
 Delta R.T. -0.01 min
 Lab File: BP002935.D
 Acq: 07 Aug 2020 16:10

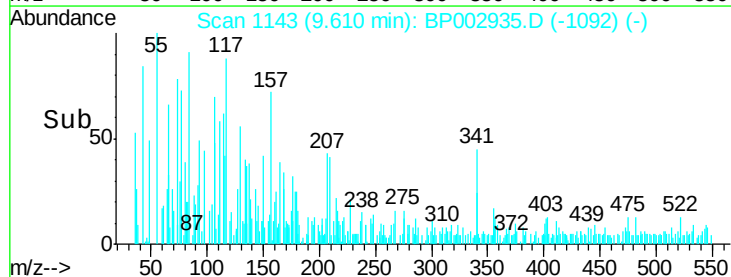
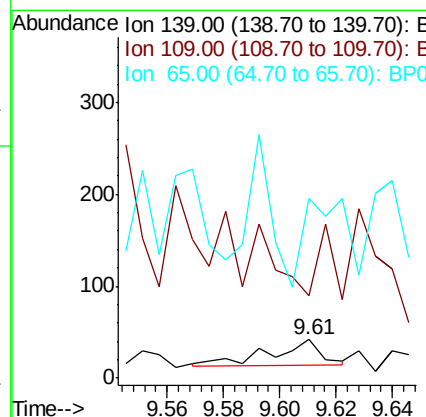
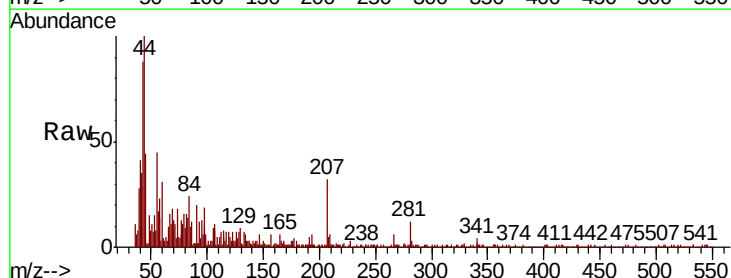
Instrument :
 BNA_P
 ClientSampled :
 TP-3

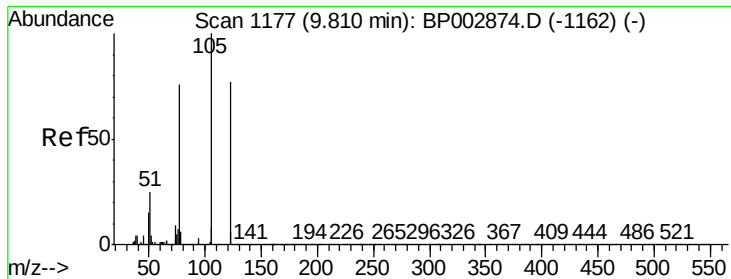
Tot Ion: 82 Resp: 1168483
 Ion Ratio Lower Upper
 82 100
 128 48.1 34.6 52.0
 54 34.9 29.5 44.3



#26
 2-Nitrophenol
 Concen: 4.525 ng
 RT: 9.61 min Scan# 1143
 Delta R.T. 0.00 min
 Lab File: BP002935.D
 Acq: 07 Aug 2020 16:10

Tgt Ion: 139 Resp: 36
 Ion Ratio Lower Upper
 139 100
 109 211.9 22.2 33.2#
 65 466.7 38.9 58.3#

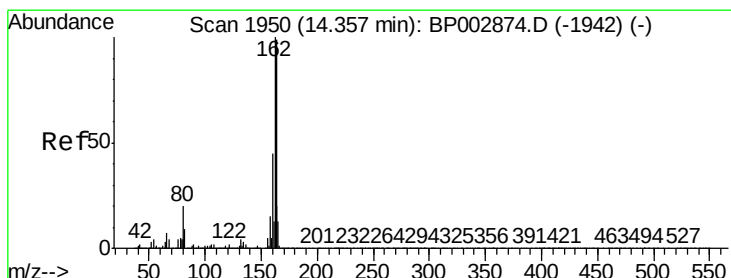
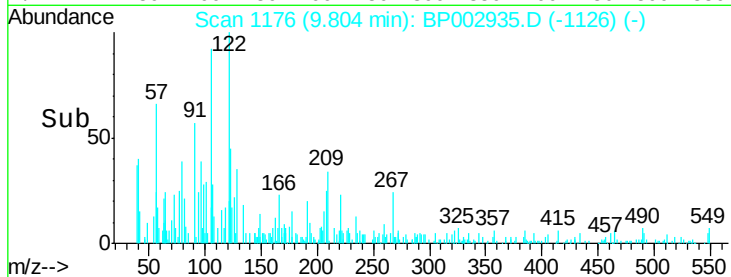
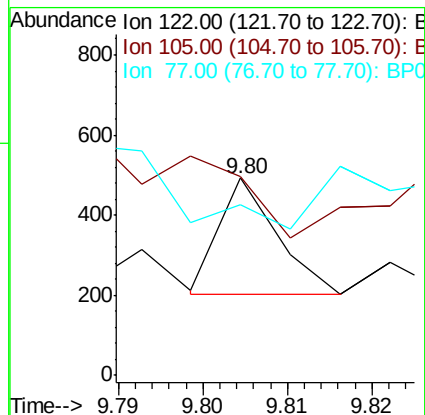
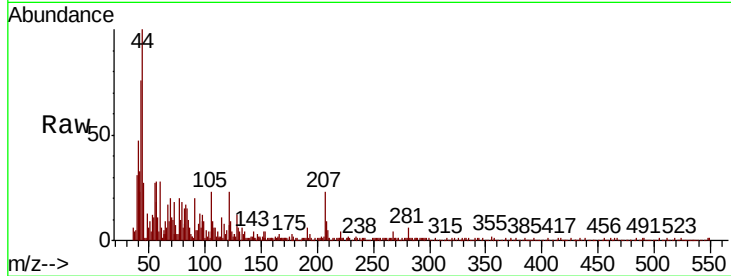




#32
Benzoic acid
Concen: 7.701 ng
RT: 9.80 min Scan# 1176
Delta R.T. -0.01 min
Lab File: BP002935.D
Acq: 07 Aug 2020 16:10

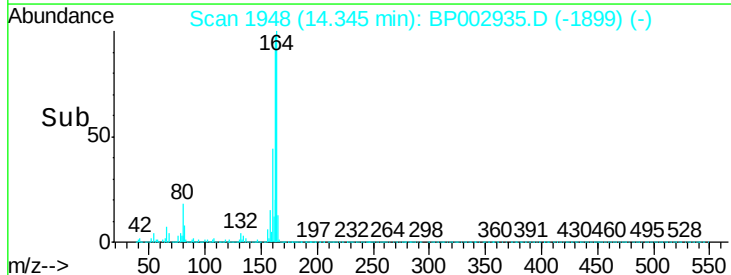
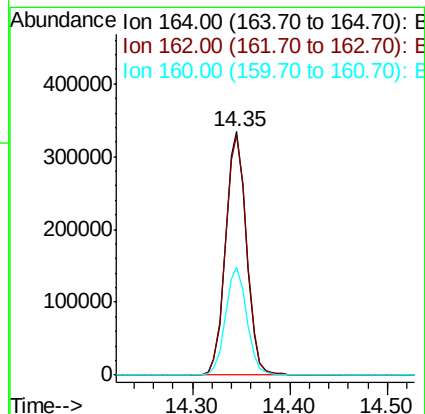
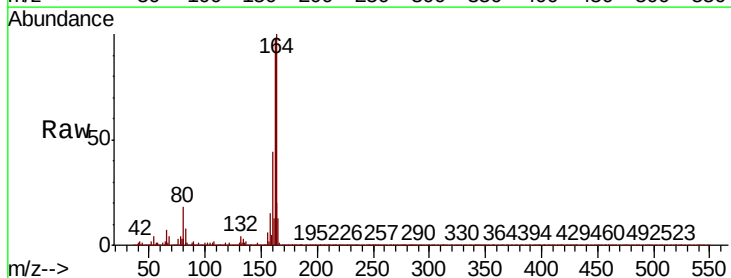
Instrument :
BNA_P
ClientSampleId :
TP-3

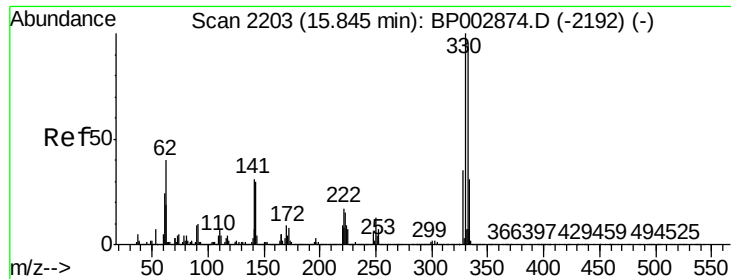
Tot Ion	Ratio	Lower	Upper
122	100		
105	101.0	103.4	143.4#
77	86.8	74.6	114.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.35 min Scan# 1948
Delta R.T. -0.01 min
Lab File: BP002935.D
Acq: 07 Aug 2020 16:10

Tgt Ion	Ratio	Lower	Upper
164	100		
162	98.3	81.0	121.6
160	44.2	36.2	54.4

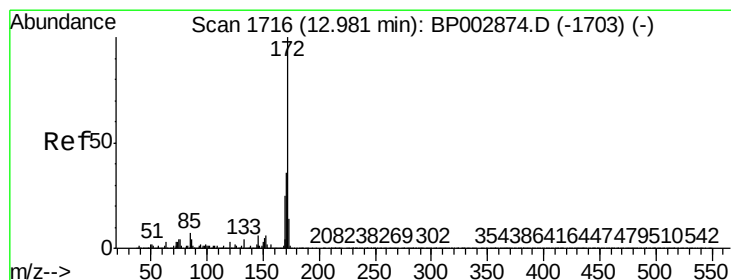
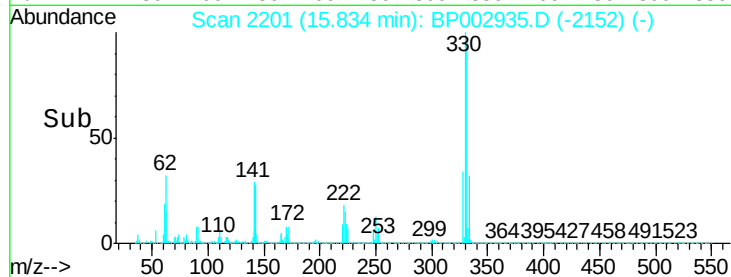
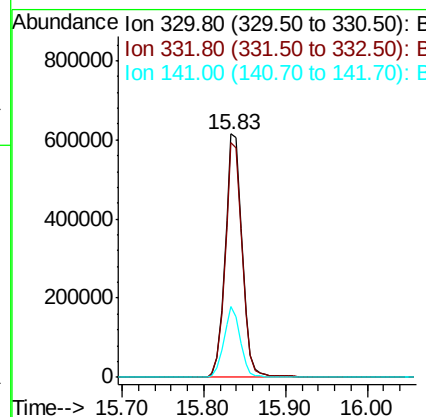
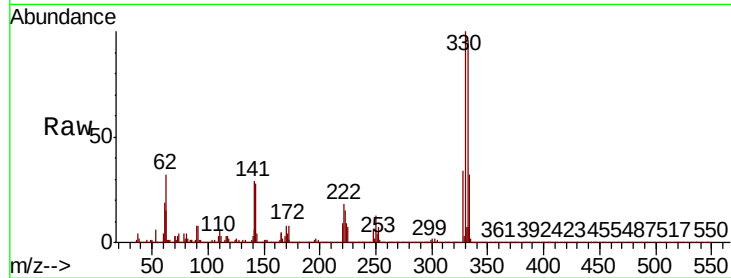




#42
2,4,6-Tribromophenol
Concen: 144.553 ng
RT: 15.83 min Scan# 2201
Delta R.T. -0.01 min
Lab File: BP002935.D
Acq: 07 Aug 2020 16:10

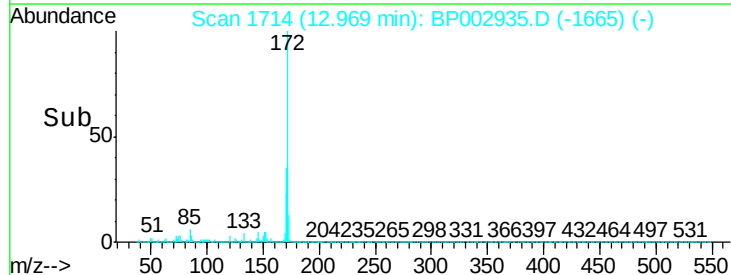
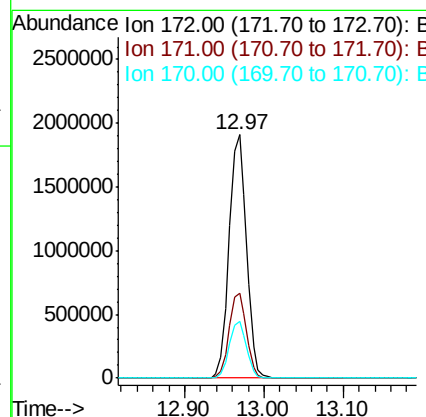
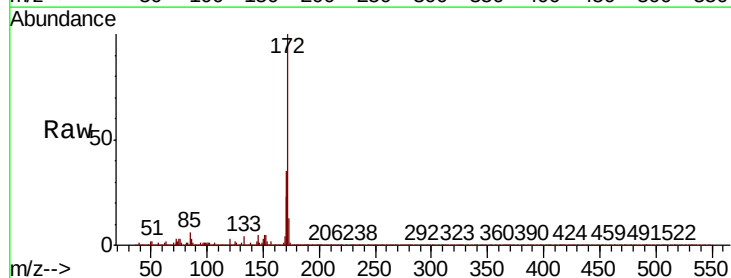
Instrument :
BNA_P
ClientSampleId :
TP-3

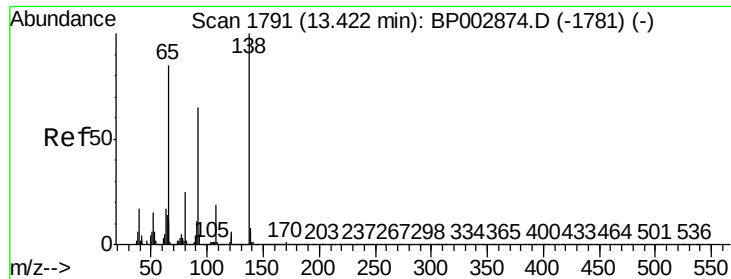
Tot Ion:330 Resp: 886714
Ion Ratio Lower Upper
330 100
332 96.1 77.1 115.7
141 28.1 24.6 37.0



#45
2-Fluorobiphenyl
Concen: 80.163 ng
RT: 12.97 min Scan# 1714
Delta R.T. -0.01 min
Lab File: BP002935.D
Acq: 07 Aug 2020 16:10

Tgt Ion:172 Resp: 2895712
Ion Ratio Lower Upper
172 100
171 35.1 29.1 43.7
170 23.2 19.6 29.4

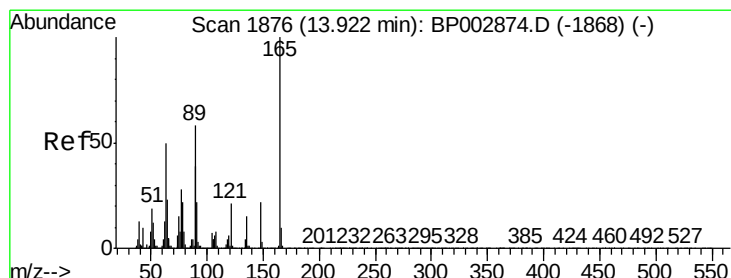
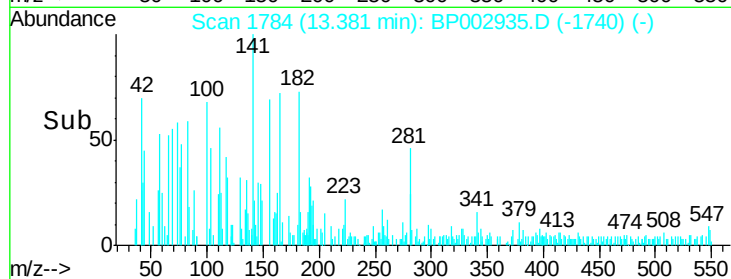
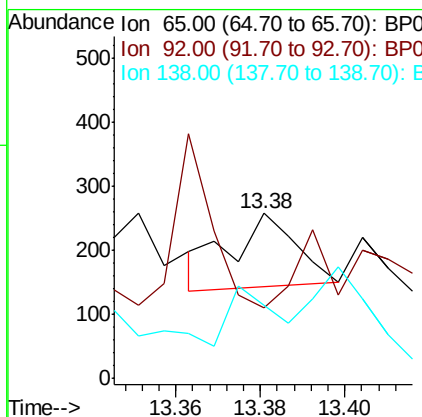
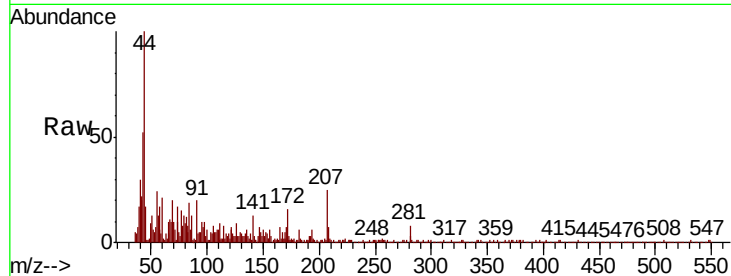




#48
2-Nitroaniline
Concen: 3.986 ng
RT: 13.38 min Scan# 1784
Delta R.T. -0.04 min
Lab File: BP002935.D
Acq: 07 Aug 2020 16:10

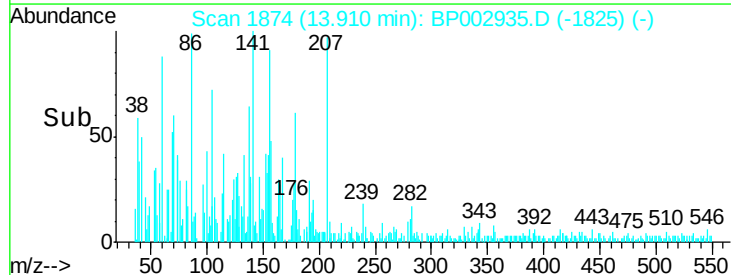
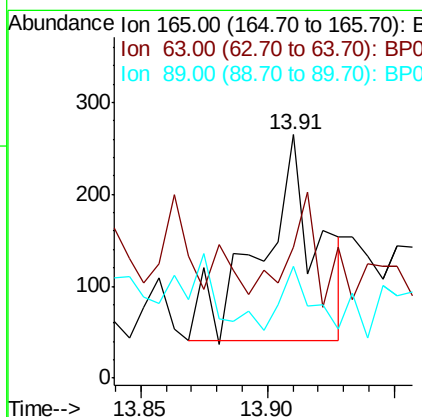
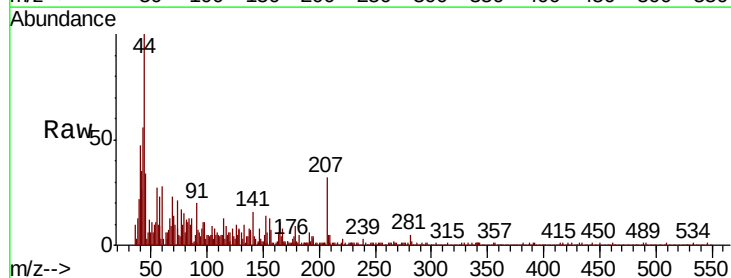
Instrument :
BNA_P
ClientSampled :
TP-3

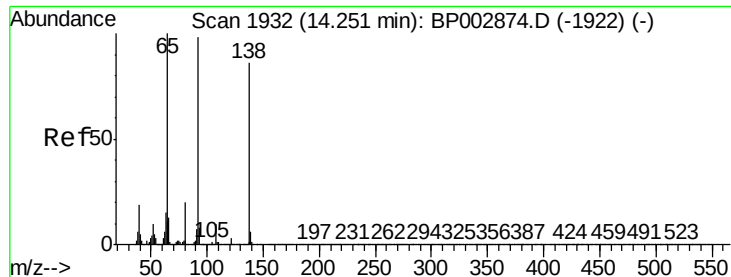
Tot Ion: 65 Resp: 123
Ion Ratio Lower Upper
65 100
92 42.8 61.4 92.0#
138 44.0 94.2 141.4#



#51
2,6-Dinitrotoluene
Concen: 2.937 ng
RT: 13.91 min Scan# 1874
Delta R.T. -0.01 min
Lab File: BP002935.D
Acq: 07 Aug 2020 16:10

Tgt Ion: 165 Resp: 347
Ion Ratio Lower Upper
165 100
63 53.6 40.3 60.5
89 50.6 46.5 69.7





#53

3-Nitroaniline

Concen: 3.289 ng

RT: 14.24 min Scan# 1930

Delta R.T. -0.01 min

Lab File: BP002935.D

Acq: 07 Aug 2020 16:10

Instrument :

BNA_P

ClientSampled :

TP-3

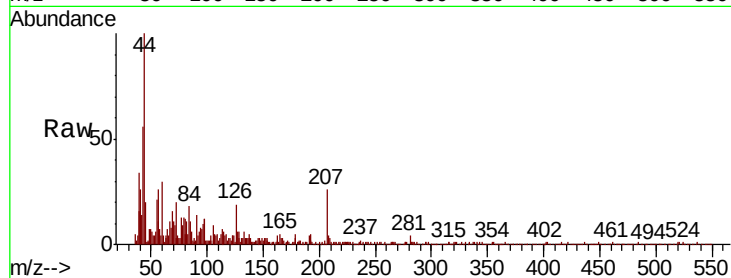
Tot Ion:138 Resp: 154

Ion Ratio Lower Upper

138 100

108 84.7 9.4 14.0#

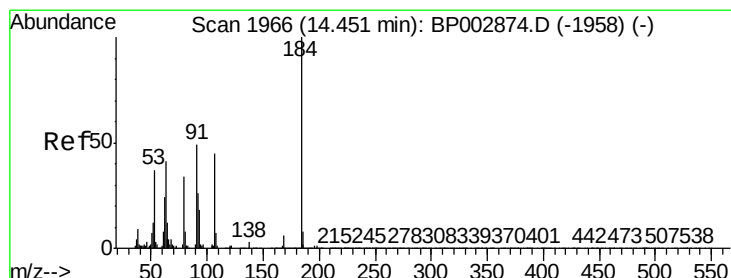
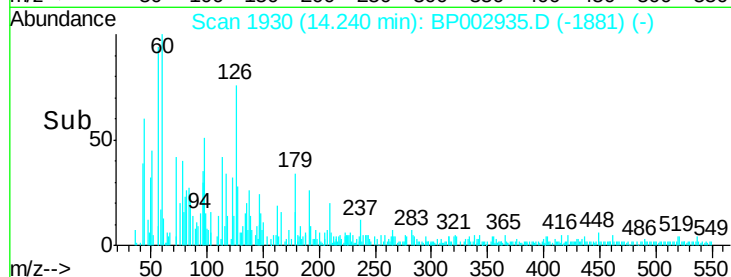
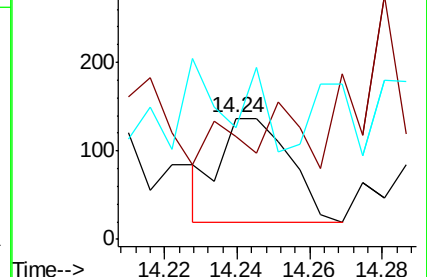
92 92.0 91.0 136.6



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



#54

2,4-Dinitrophenol

Concen: 8.064 ng

RT: 14.44 min Scan# 1964

Delta R.T. -0.01 min

Lab File: BP002935.D

Acq: 07 Aug 2020 16:10

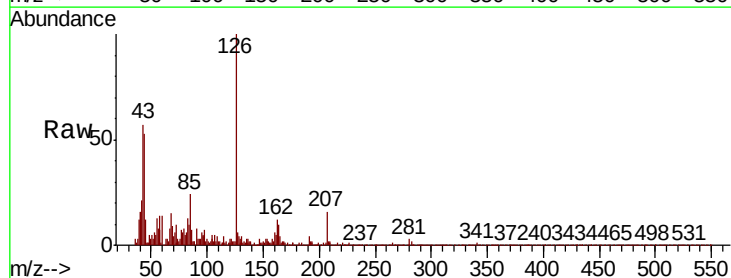
Tgt Ion:184 Resp: 29

Ion Ratio Lower Upper

184 100

63 353.8 50.3 75.5#

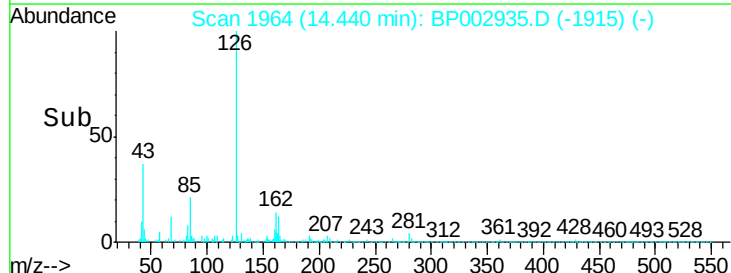
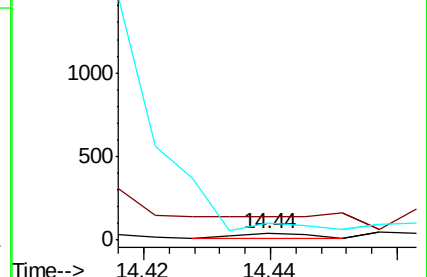
154 256.4 50.6 76.0#

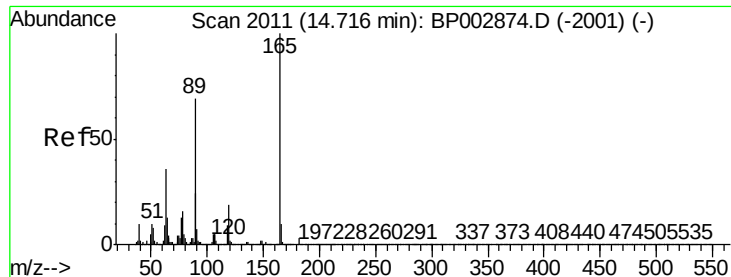


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BP0

Ion 154.00 (153.70 to 154.70): E





#57

2,4-Dinitrotoluene

Concen: 3.811 ng

RT: 14.70 min Scan# 2009

Delta R.T. -0.01 min

Lab File: BP002935.D

Acq: 07 Aug 2020 16:10

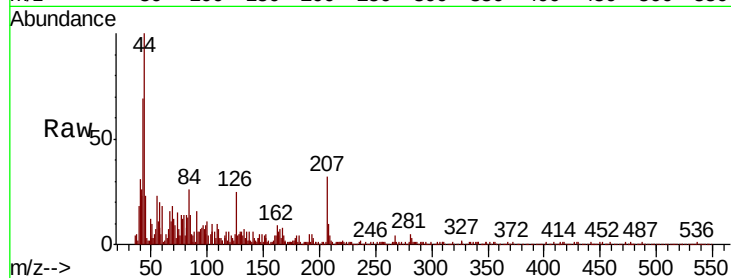
Instrument :

BNA_P

ClientSampled :

TP-3

Tot Ion:165	Resp: 67
Ion Ratio	Lower Upper
165 100	
63 69.1	29.0 43.4#
89 97.2	55.5 83.3#
182 55.8	2.2 3.4#

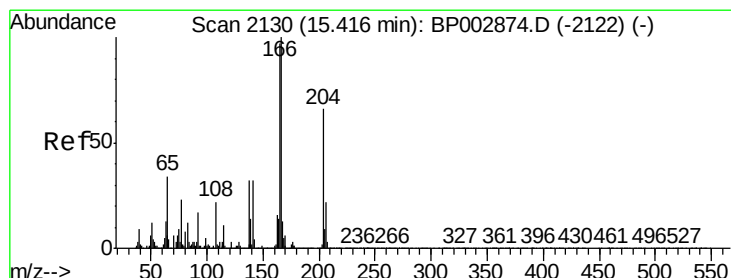
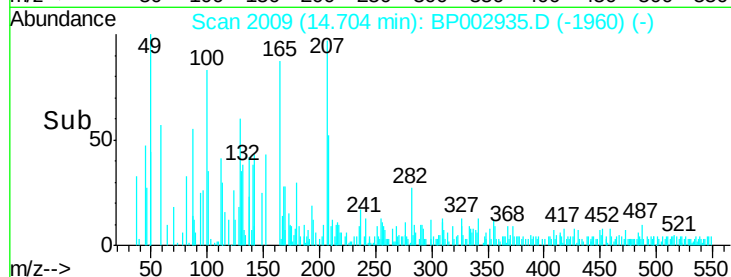
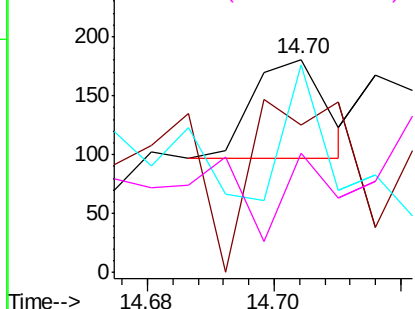


Abundance Ion 165.00 (164.70 to 165.70): E

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: 2.443 ng

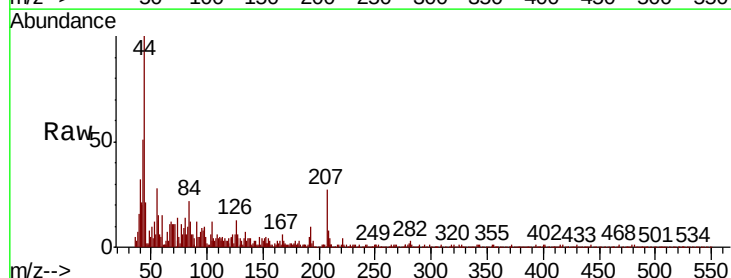
RT: 15.31 min Scan# 2112

Delta R.T. -0.10 min

Lab File: BP002935.D

Acq: 07 Aug 2020 16:10

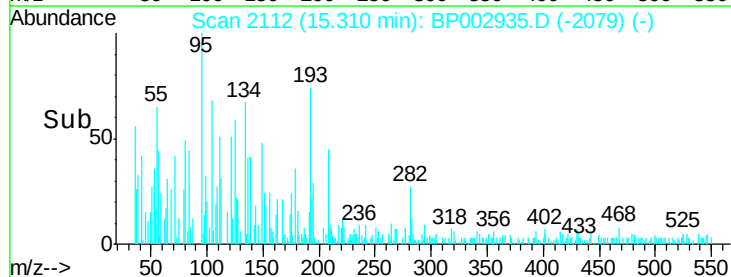
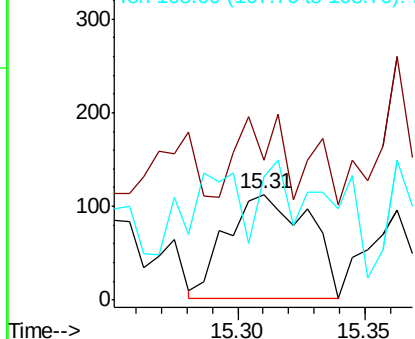
Tgt Ion	138	Resp:	250
	Ratio	Lower	Upper
138	100		
92	67.3	32.2	72.2
108	58.7	50.0	90.0

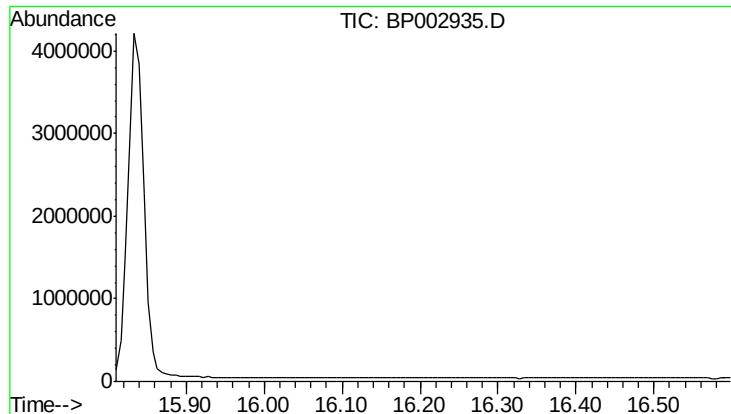


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BP0

Ion 108.00 (107.70 to 108.70): E

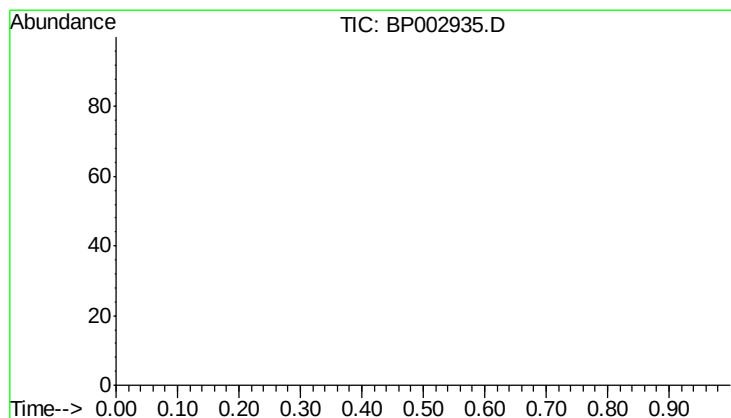
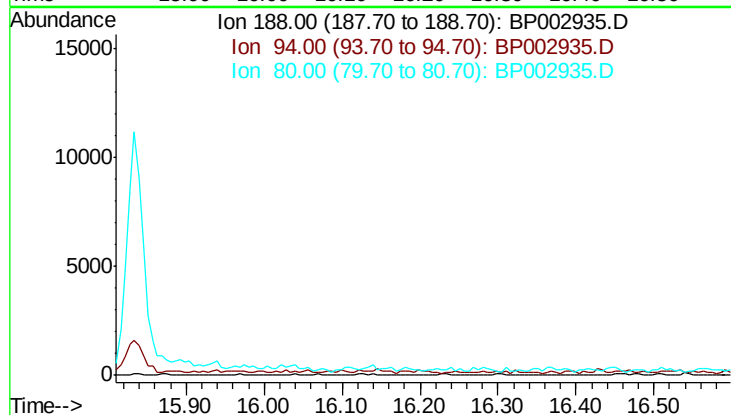




#64
 Phenanthrene-d10
 Concen: 0.000 ng
 Expected RT: 17.11 min
 Lab File: BP002935.D
 Acq: 07 Aug 2020 16:10

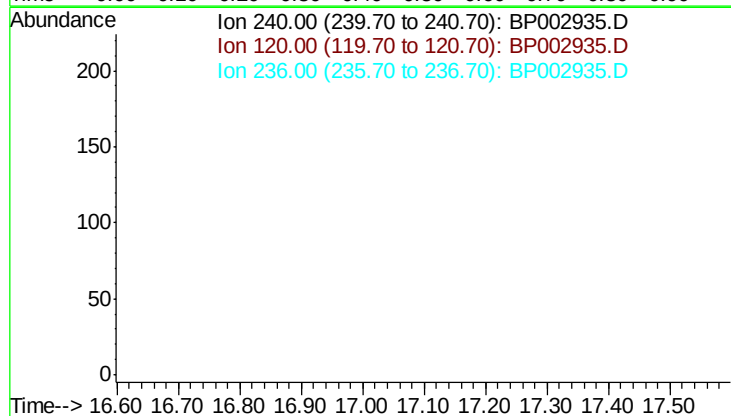
Instrument :
 BNA_P
 ClientSampleId :
 TP-3

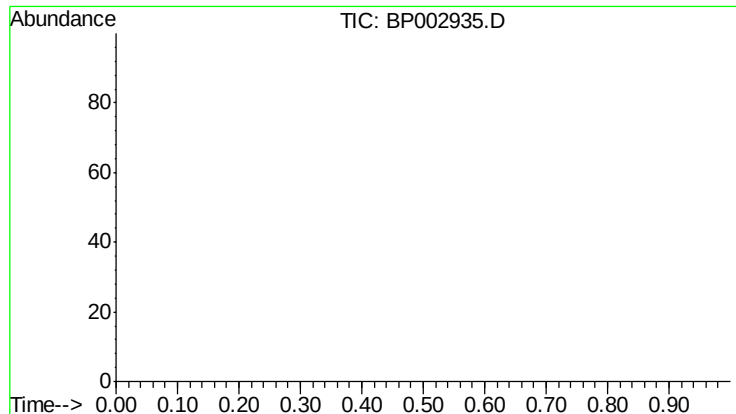
Tot Ion: 188
 Sig Exp Ratio
 188 100
 94 9.7
 80 10.0



#76
 Chrysene-d12
 Concen: 0.000 ng
 Expected RT: 21.20 min
 Lab File: BP002935.D
 Acq: 07 Aug 2020 16:10

Tgt Ion: 240
 Sig Exp Ratio
 240 100
 120 11.1
 236 25.4

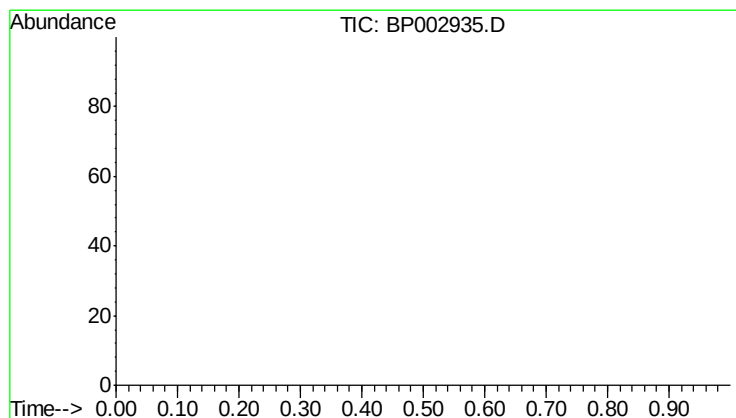
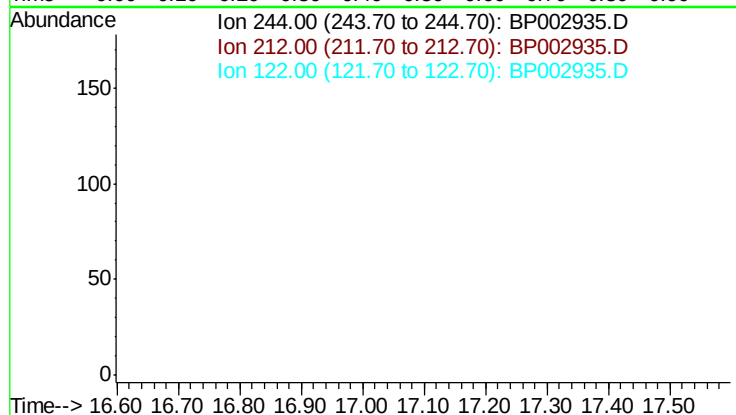




#79
 Terphenyl-d14
 Concen: 0.000 ng
 Expected RT: 19.69 min
 Lab File: BP002935.D
 Acq: 07 Aug 2020 16:10

Instrument :
 BNA_P
 ClientSampleId :
 TP-3

Tot Ion: 244
 Sig Exp Ratio
 244 100
 212 8.0
 122 11.8



#86
 Perylene-d12
 Concen: 0.000 ng
 Expected RT: 23.47 min
 Lab File: BP002935.D
 Acq: 07 Aug 2020 16:10

Tgt Ion: 264
 Sig Exp Ratio
 264 100
 260 23.8
 265 21.2

