

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP081420\
 Data File : BP002989.D
 Acq On : 14 Aug 2020 17:37
 Operator : CG/JU
 Sample : L3648-11
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Aug 14 18:06:56 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

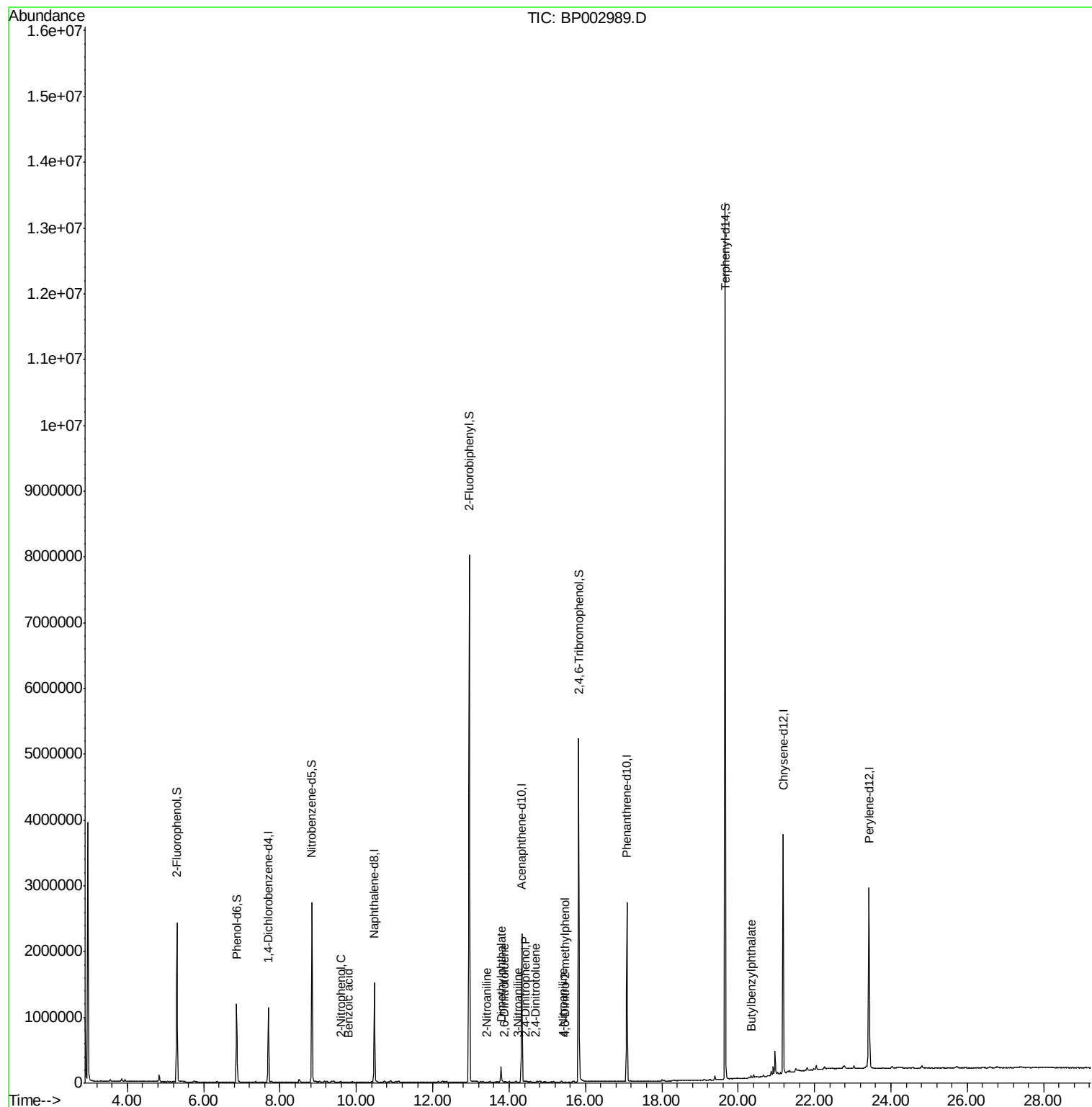
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	342642	20.00	ng	-0.01
21) Naphthalene-d8	10.47	136	1343879	20.00	ng	-0.01
39) Acenaphthene-d10	14.33	164	766249	20.00	ng	-0.01
64) Phenanthrene-d10	17.08	188	1600836	20.00	ng	-0.01
76) Chrysene-d12	21.17	240	1694315	20.00	ng	0.00
86) Perylene-d12	23.42	264	1883332	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	1255627	56.09	ng	0.00
7) Phenol-d6	6.86	99	801141	25.77	ng	-0.02
23) Nitrobenzene-d5	8.83	82	1618309	65.22	ng	-0.01
42) 2,4,6-Tribromophenol	15.82	330	1061532	111.46	ng	-0.01
45) 2-Fluorobiphenyl	12.95	172	4276063	76.25	ng	-0.01
79) Terphenyl-d14	19.66	244	5754436	67.99	ng	-0.01
Target Compounds						
26) 2-Nitrophenol	9.60	139	19	4.522	ng	# 1
32) Benzoic acid	9.79	122	100	7.693	ng	# 51
48) 2-Nitroaniline	13.40	65	39	3.975	ng	# 14
50) Dimethylphthalate	13.79	163	162786	2.716	ng	# 99
51) 2,6-Dinitrotoluene	13.88	165	494	2.934	ng	# 78
53) 3-Nitroaniline	14.22	138	13	3.274	ng	# 65
54) 2,4-Dinitrophenol	14.43	184	12	8.059	ng	# 1
57) 2,4-Dinitrotoluene	14.67	165	101	3.811	ng	# 58
62) 4-Nitroaniline	15.41	138	114	2.424	ng	# 79
65) 4,6-Dinitro-2-methylphenol	15.46	198	27	6.903	ng	# 1
80) Butylbenzylphthalate	20.34	149	4277	3.141	ng	# 91

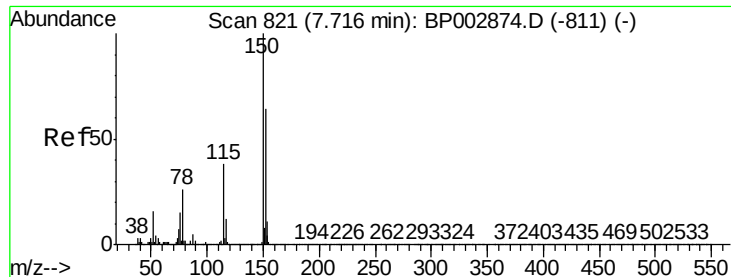
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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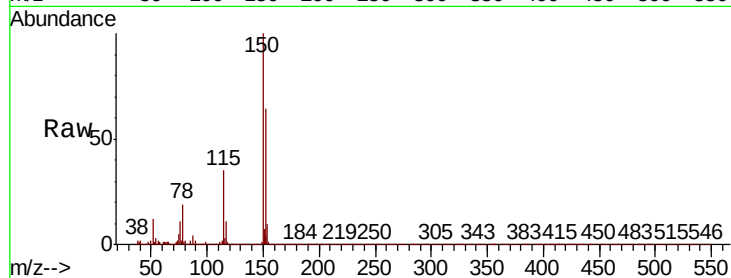


#1

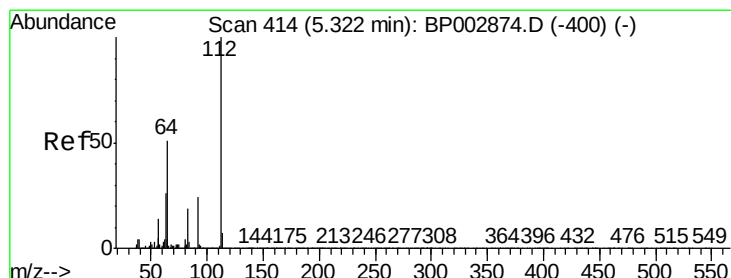
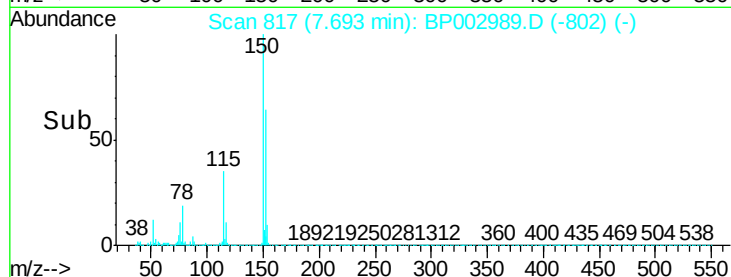
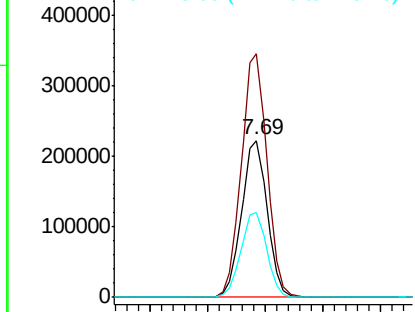
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.69 min Scan# 817
Delta R.T. -0.01 min
Lab File: BP002989.D
Acq: 14 Aug 2020 17:37

Instrument :
BNA_P
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.1	124.2	186.4
115	54.5	42.1	63.1



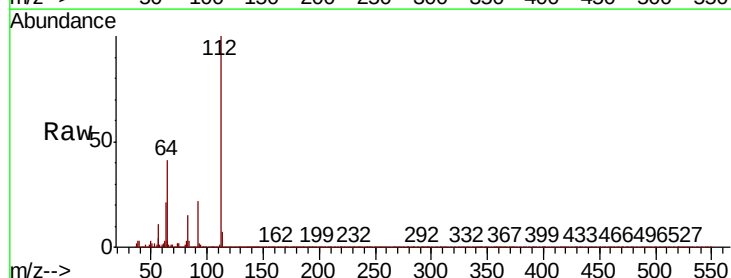
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



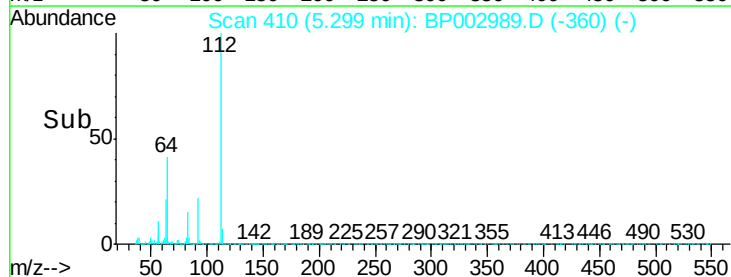
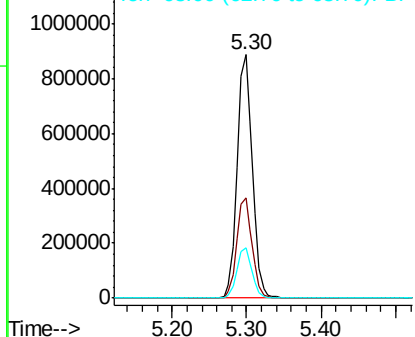
#5

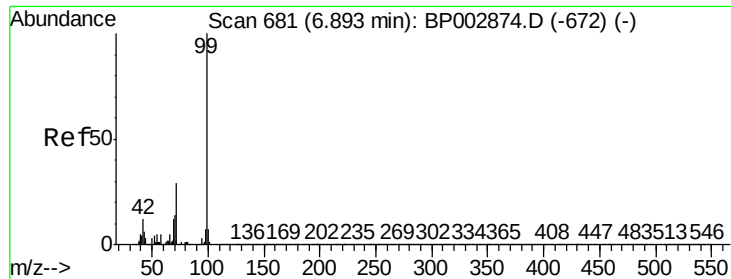
2-Fluorophenol
Concen: 56.086 ng
RT: 5.30 min Scan# 410
Delta R.T. -0.01 min
Lab File: BP002989.D
Acq: 14 Aug 2020 17:37

Tgt Ion	Ratio	Lower	Upper
112	100		
64	40.9	33.8	50.8
63	20.5	17.2	25.8



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: 25.775 ng

RT: 6.86 min Scan# 676

Delta R.T. -0.02 min

Lab File: BP002989.D

Acq: 14 Aug 2020 17:37

Instrument :

BNA_P

ClientSampleId :

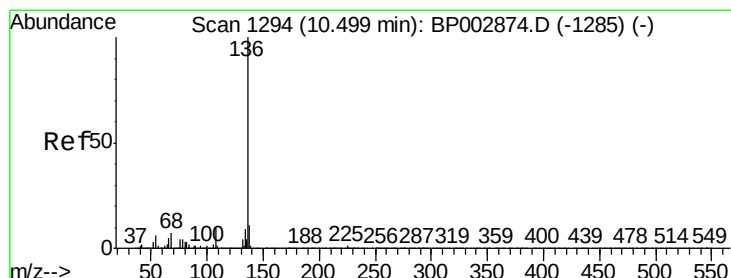
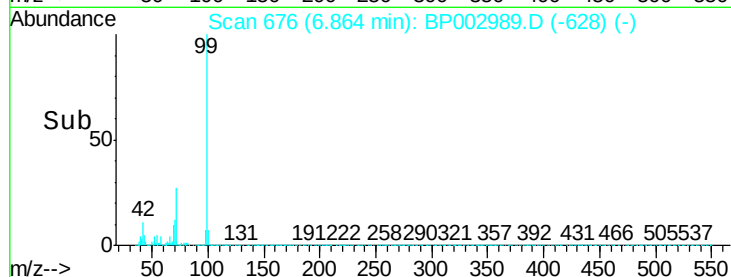
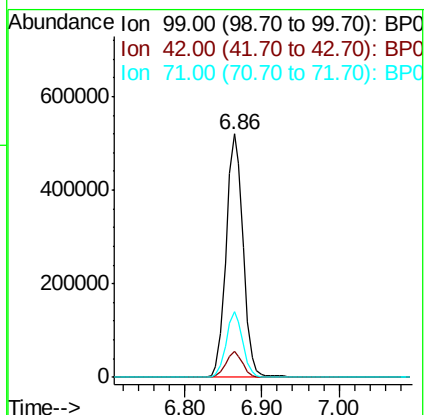
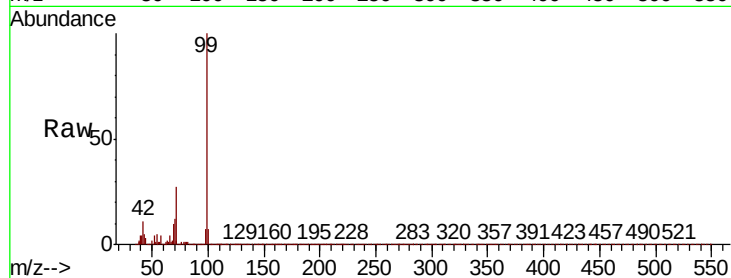
Tot Ion: 99 Resp: 801141

Ion Ratio Lower Upper

99 100

42 10.6 8.1 12.1

71 27.1 21.0 31.4



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.47 min Scan# 1289

Delta R.T. -0.01 min

Lab File: BP002989.D

Acq: 14 Aug 2020 17:37

Tgt Ion: 136 Resp: 1343879

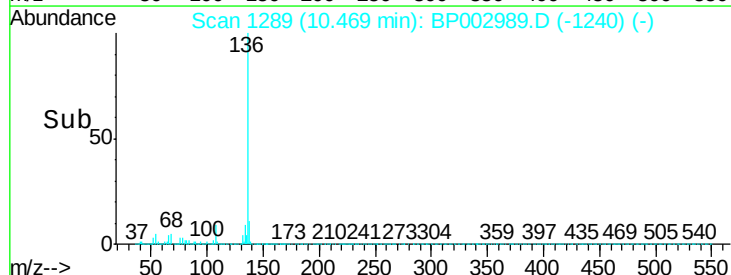
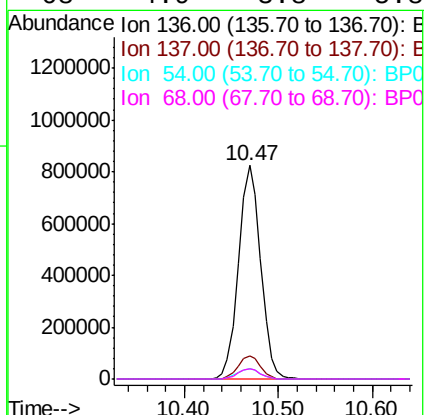
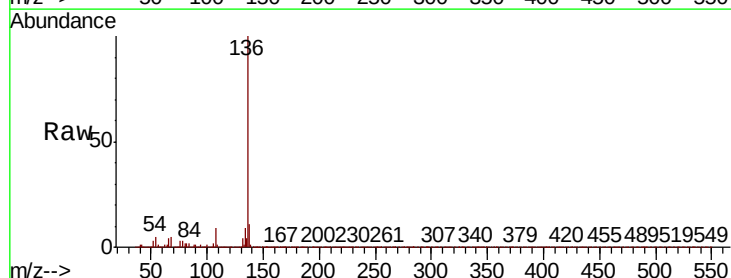
Ion Ratio Lower Upper

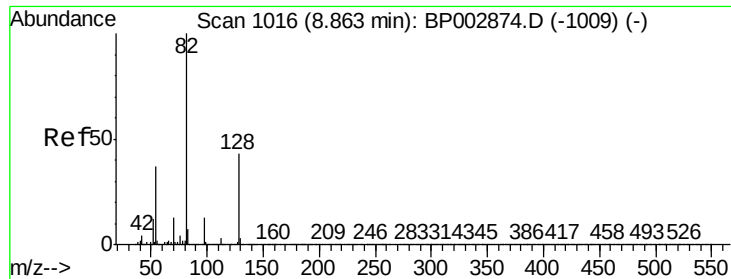
136 100

137 11.0 9.0 13.4

54 4.9 3.9 5.9

68 4.9 3.8 5.8

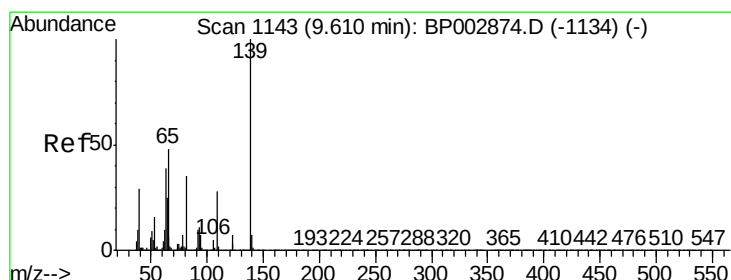
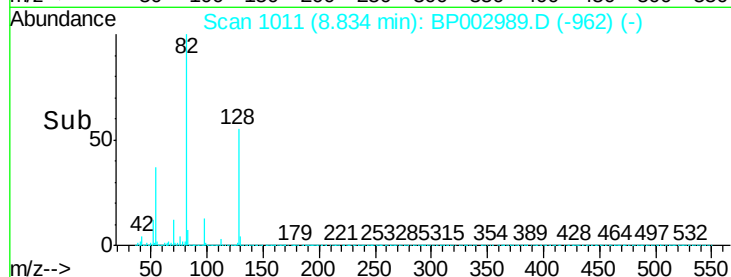
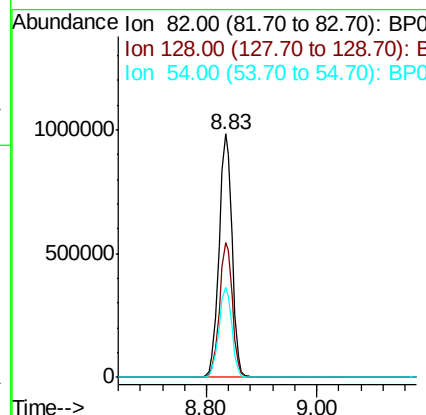
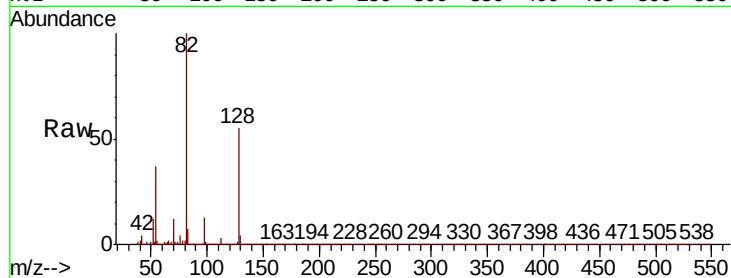




#23
Nitrobenzene-d5
Concen: 65.223 ng
RT: 8.83 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BP002989.D
Acq: 14 Aug 2020 17:37

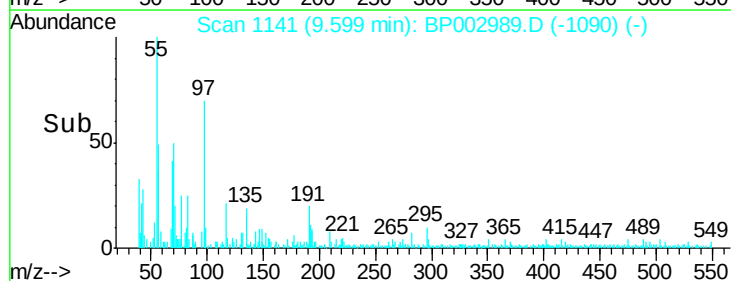
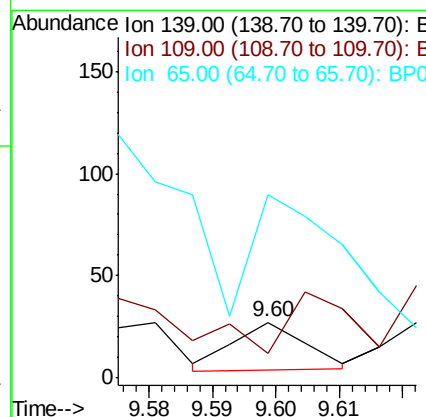
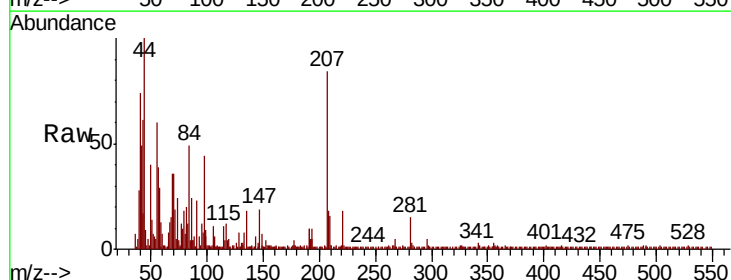
Instrument :
BNA_P
ClientSampled :

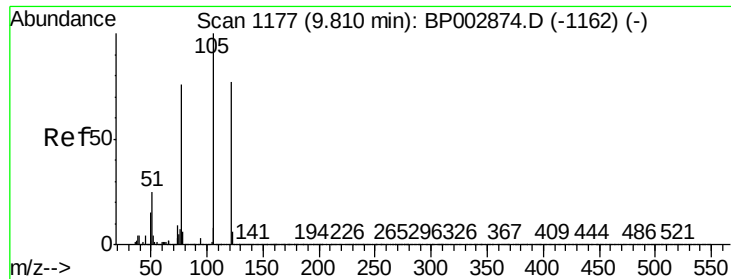
Tot Ion: 82 Resp: 1618309
Ion Ratio Lower Upper
82 100
128 55.4 44.6 66.8
54 36.9 29.2 43.8



#26
2-Nitrophenol
Concen: 4.522 ng
RT: 9.60 min Scan# 1141
Delta R.T. 0.00 min
Lab File: BP002989.D
Acq: 14 Aug 2020 17:37

Tgt Ion: 139 Resp: 19
Ion Ratio Lower Upper
139 100
109 44.4 19.5 29.3#
65 477.8 26.6 40.0#

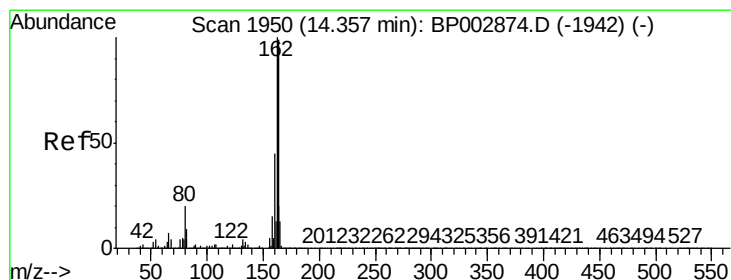
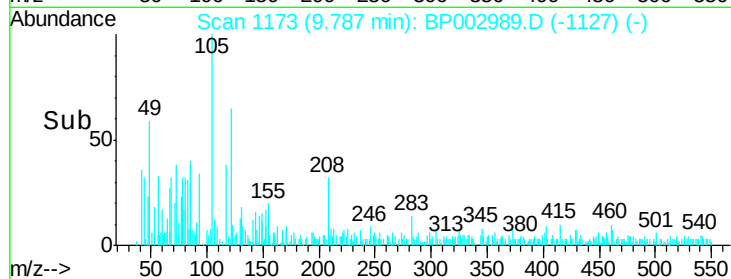
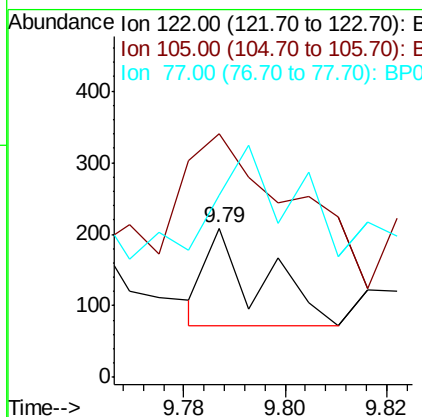
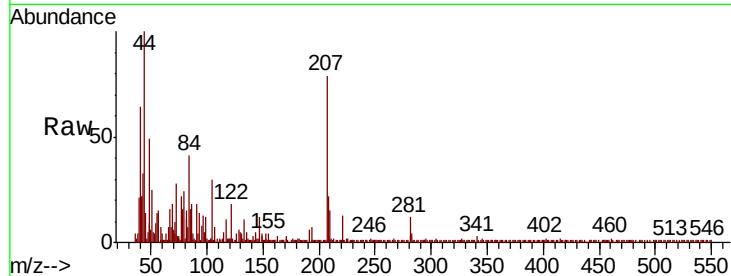




#32
Benzoic acid
Concen: 7.693 ng
RT: 9.79 min Scan# 1173
Delta R.T. -0.03 min
Lab File: BP002989.D
Acq: 14 Aug 2020 17:37

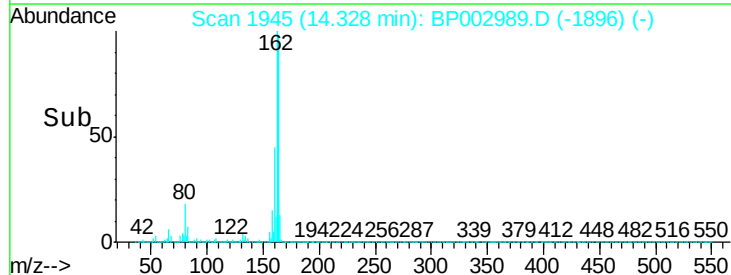
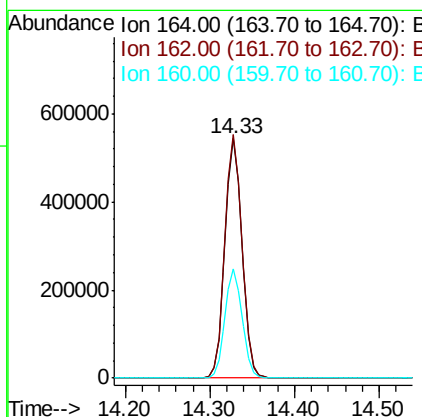
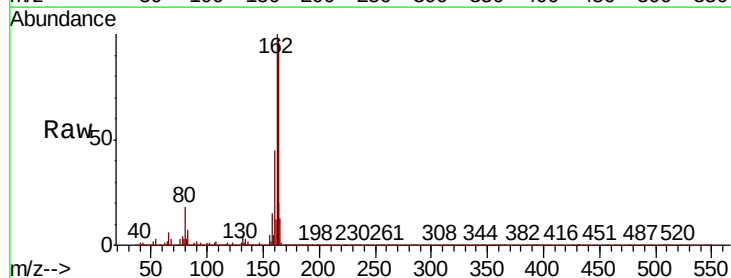
Instrument :
BNA_P
ClientSampled :

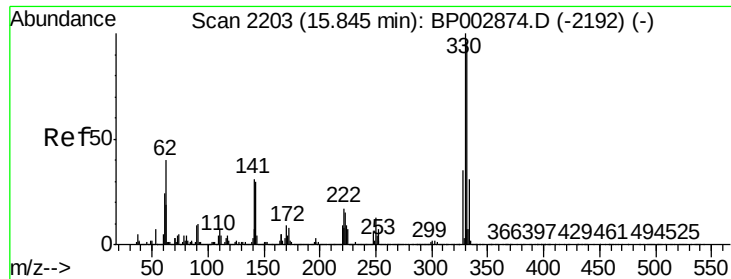
Tot Ion:122 Resp: 100
Ion Ratio Lower Upper
122 100
105 163.5 95.8 135.8#
77 122.6 54.7 94.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.33 min Scan# 1945
Delta R.T. -0.01 min
Lab File: BP002989.D
Acq: 14 Aug 2020 17:37

Tgt Ion:164 Resp: 766249
Ion Ratio Lower Upper
164 100
162 101.8 81.0 121.4
160 45.4 36.2 54.4

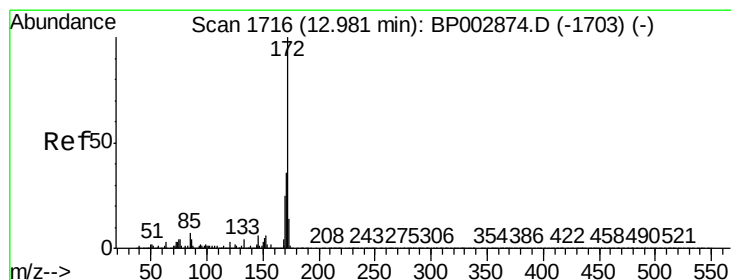
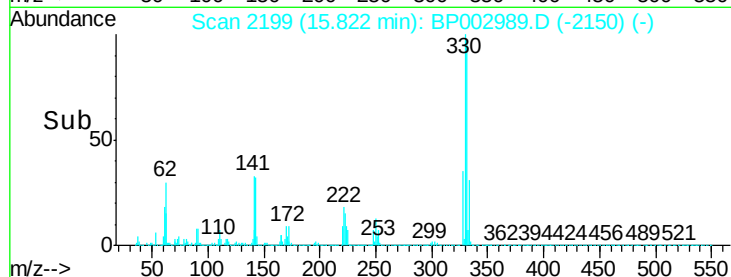
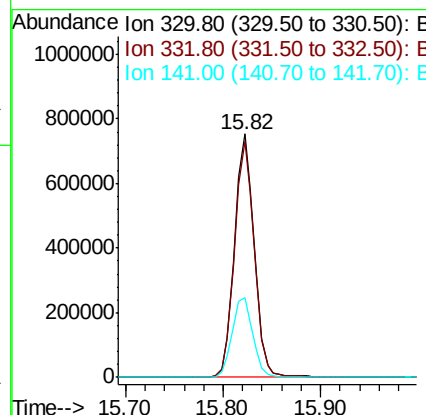
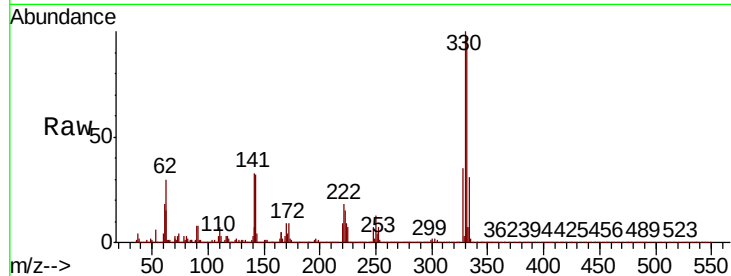




#42
 2,4,6-Tribromophenol
 Concen: 111.463 ng
 RT: 15.82 min Scan# 2199
 Delta R.T. -0.01 min
 Lab File: BP002989.D
 Acq: 14 Aug 2020 17:37

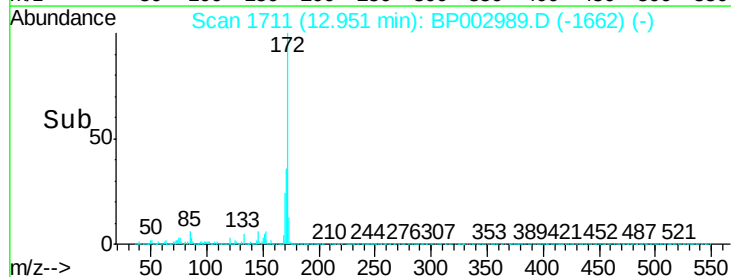
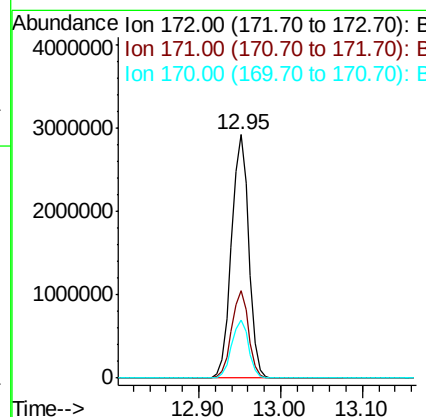
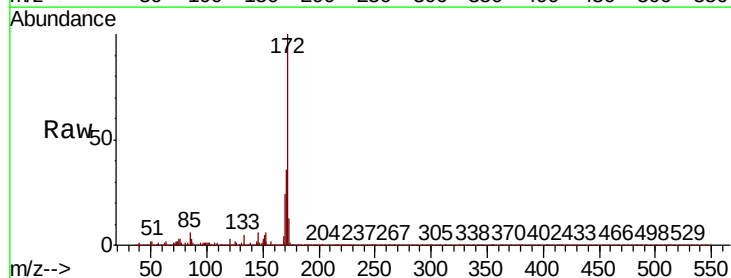
Instrument :
 BNA_P
 ClientSampled :

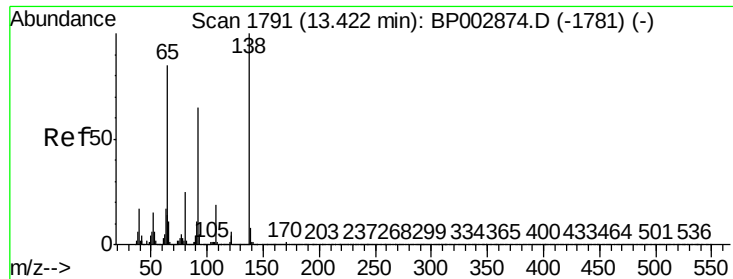
Tot Ion:330 Resp: 1061532
 Ion Ratio Lower Upper
 330 100
 332 97.2 77.0 115.4
 141 34.4 28.6 43.0



#45
 2-Fluorobiphenyl
 Concen: 76.246 ng
 RT: 12.95 min Scan# 1711
 Delta R.T. -0.01 min
 Lab File: BP002989.D
 Acq: 14 Aug 2020 17:37

Tgt Ion:172 Resp: 4276063
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.6 44.4
 170 23.9 19.6 29.4

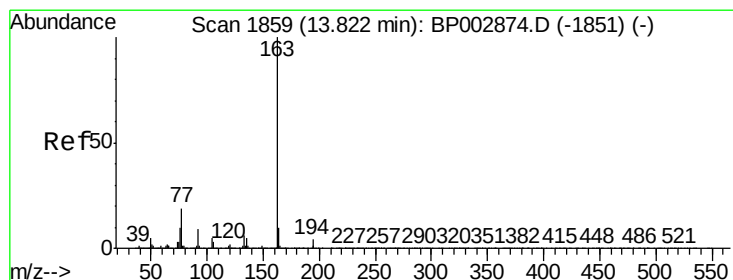
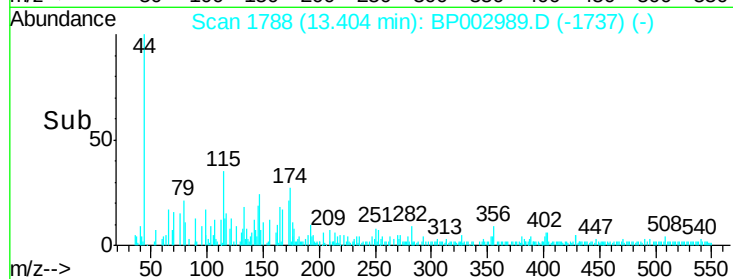
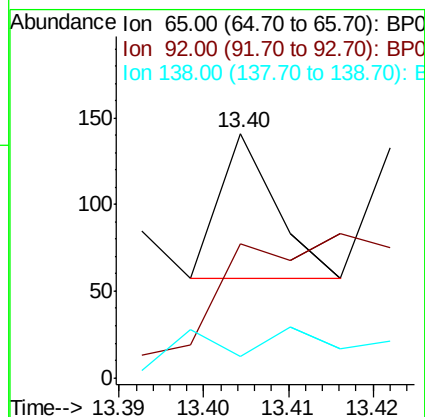
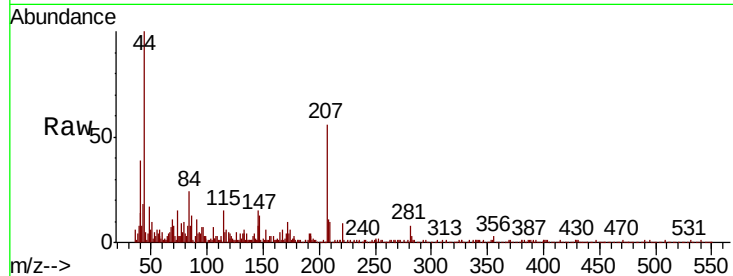




#48
2-Nitroaniline
Concen: 3.975 ng
RT: 13.40 min Scan# 1788
Delta R.T. 0.00 min
Lab File: BP002989.D
Acq: 14 Aug 2020 17:37

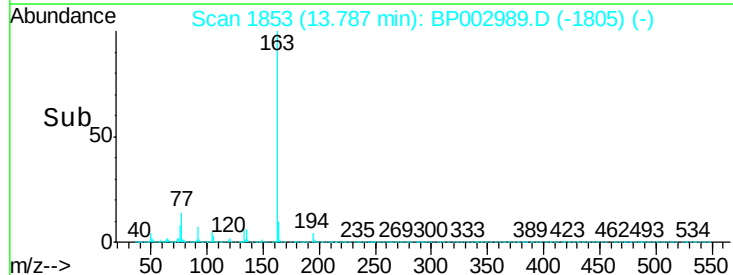
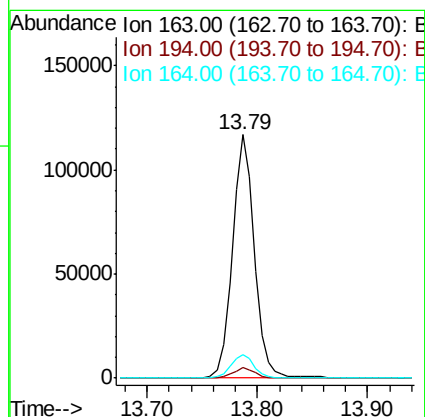
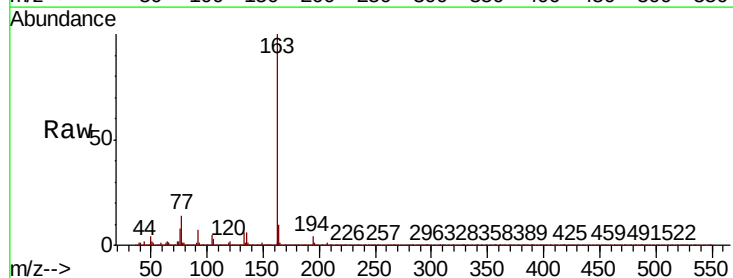
Instrument :
BNA_P
ClientSampleId :

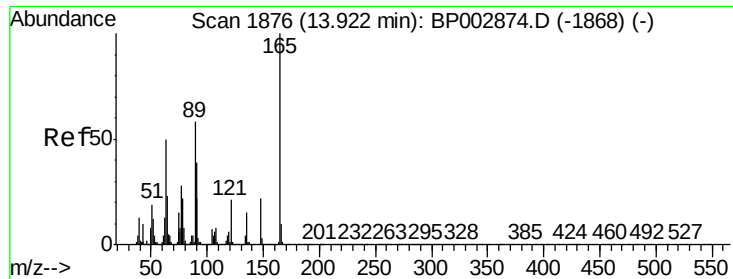
Tot Ion: 65 Resp: 39
Ion Ratio Lower Upper
65 100
92 54.6 69.6 104.4#
138 8.5 125.6 188.4#



#50
Dimethylphthalate
Concen: 2.716 ng
RT: 13.79 min Scan# 1853
Delta R.T. -0.02 min
Lab File: BP002989.D
Acq: 14 Aug 2020 17:37

Tgt Ion: 163 Resp: 162786
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.0
164 9.8 8.2 12.4





#51

2,6-Dinitrotoluene

Concen: 2.934 ng

RT: 13.88 min Scan# 1869

Delta R.T. -0.03 min

Lab File: BP002989.D

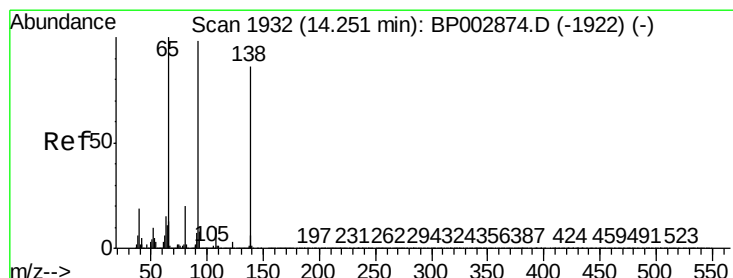
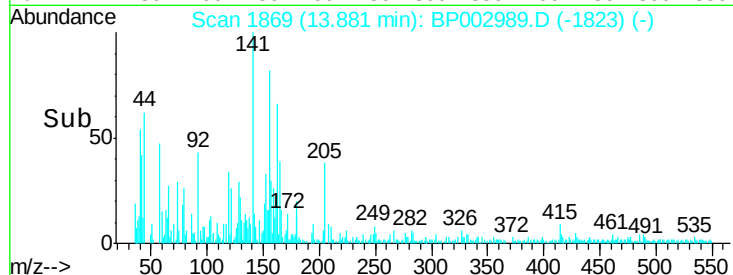
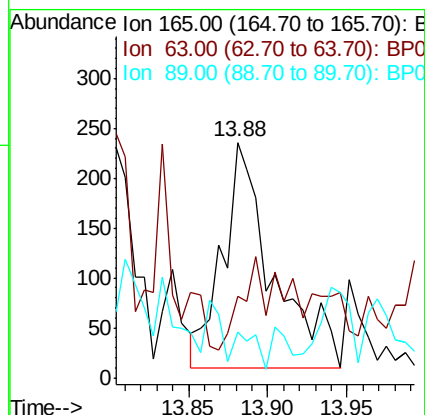
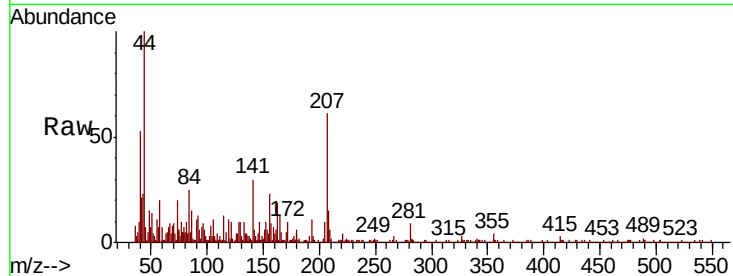
Acq: 14 Aug 2020 17:37

Instrument :

BNA_P

ClientSampled :

Tot Ion:165	Resp:	494
Ion Ratio	Lower	Upper
165	100	
63	34.7	27.5 41.3
89	19.5	35.3 52.9#



#53

3-Nitroaniline

Concen: 3.274 ng

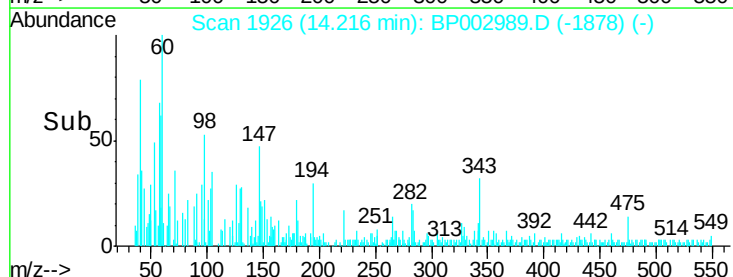
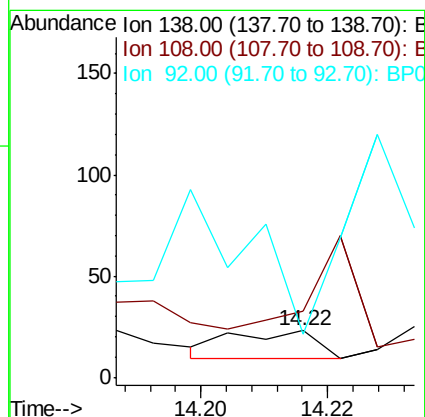
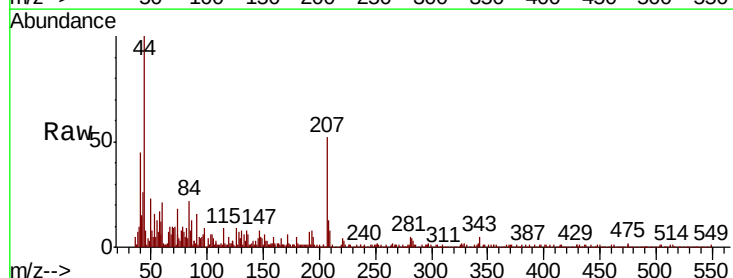
RT: 14.22 min Scan# 1926

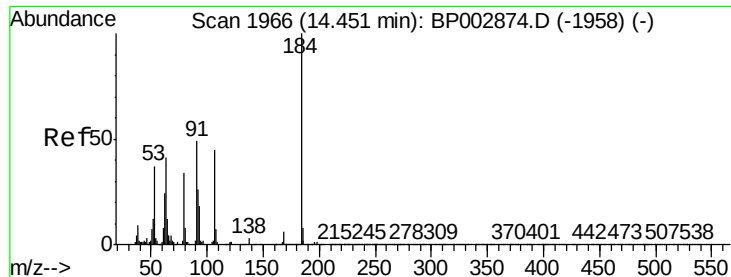
Delta R.T. -0.02 min

Lab File: BP002989.D

Acq: 14 Aug 2020 17:37

Tgt Ion:138	Resp:	13
Ion Ratio	Lower	Upper
138	100	
108	143.5	7.2 10.8#
92	91.3	75.8 113.6

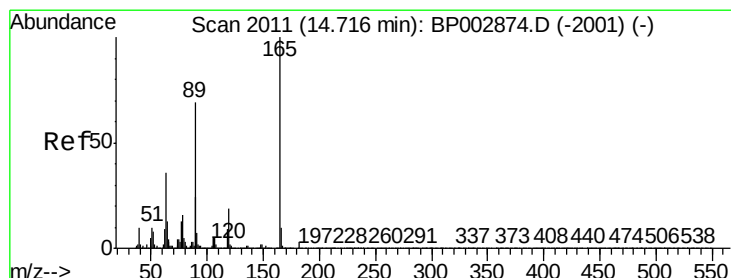
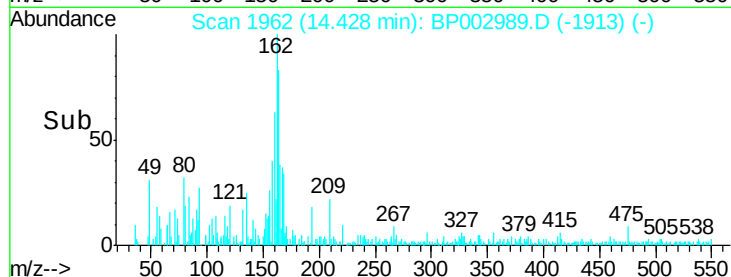
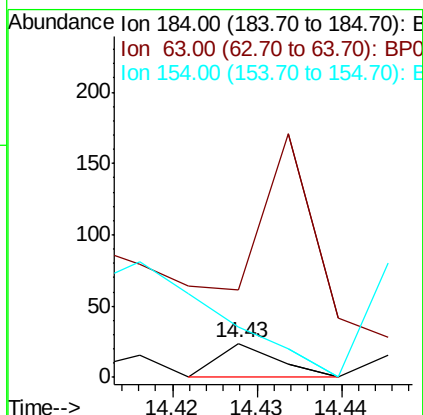
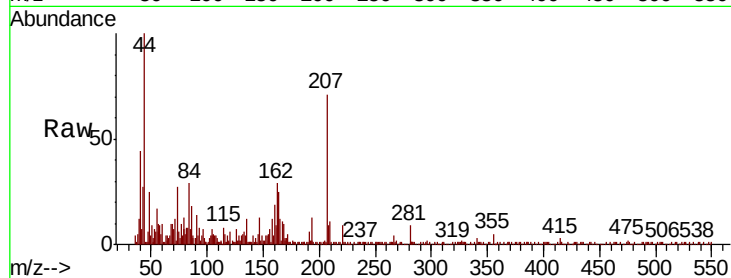




#54
2,4-Dinitrophenol
Concen: 8.059 ng
RT: 14.43 min Scan# 1962
Delta R.T. -0.01 min
Lab File: BP002989.D
Acq: 14 Aug 2020 17:37

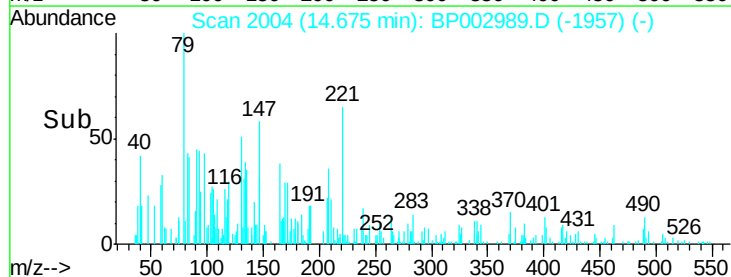
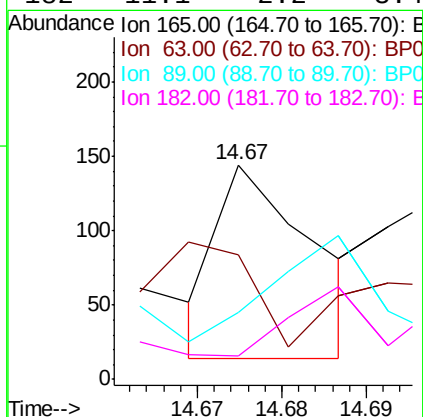
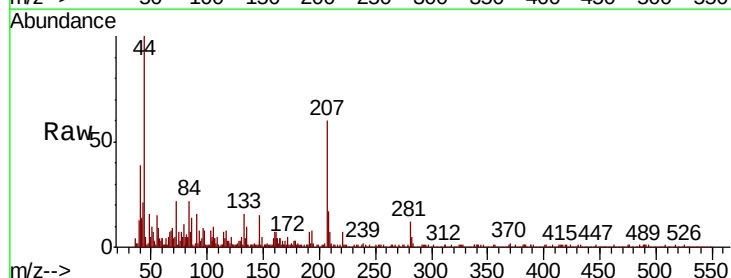
Instrument :
BNA_P
ClientSampleId :

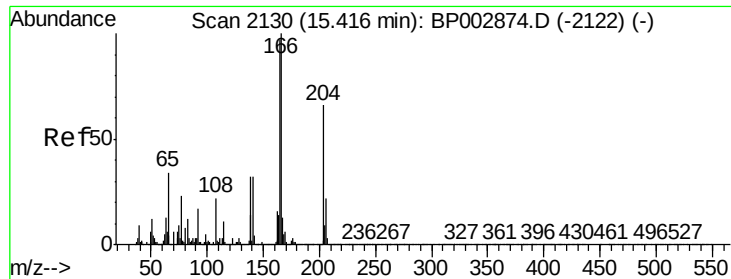
Tot Ion:184 Resp: 12
Ion Ratio Lower Upper
184 100
63 254.2 36.4 54.6#
154 145.8 46.6 69.8#



#57
2,4-Dinitrotoluene
Concen: 3.811 ng
RT: 14.67 min Scan# 2004
Delta R.T. -0.02 min
Lab File: BP002989.D
Acq: 14 Aug 2020 17:37

Tgt Ion:165 Resp: 101
Ion Ratio Lower Upper
165 100
63 58.3 22.6 34.0#
89 31.2 46.2 69.2#
182 11.1 2.2 3.4#

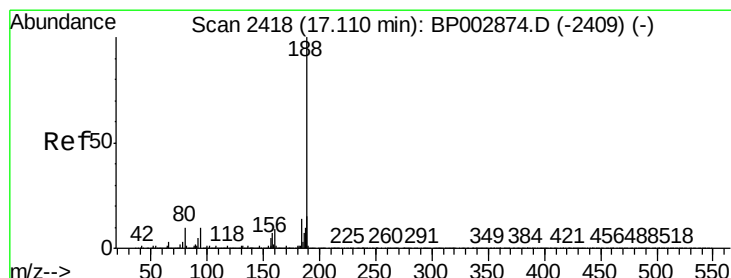
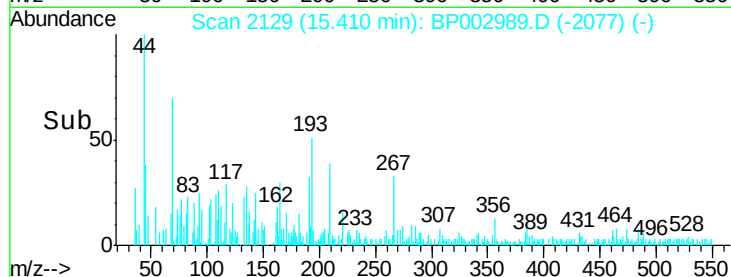
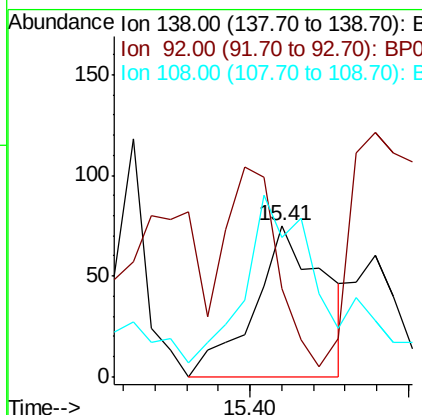
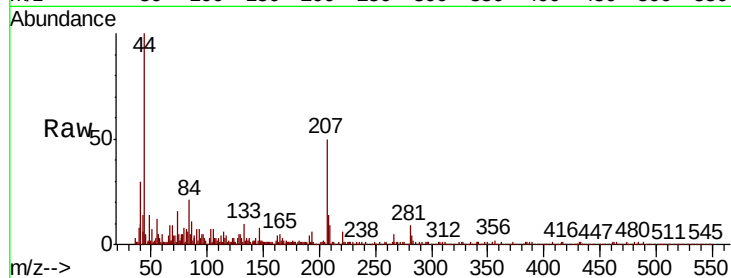




#62
4-Nitroaniline
Concen: 2.424 ng
RT: 15.41 min Scan# 2129
Delta R.T. 0.01 min
Lab File: BP002989.D
Acq: 14 Aug 2020 17:37

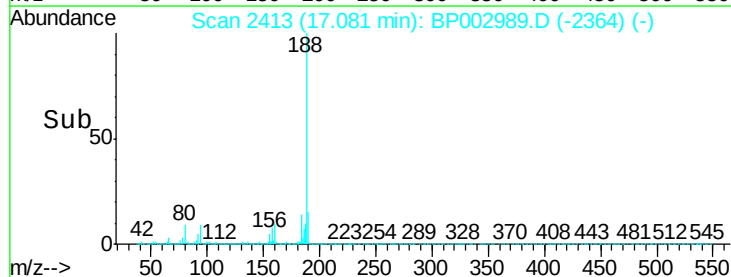
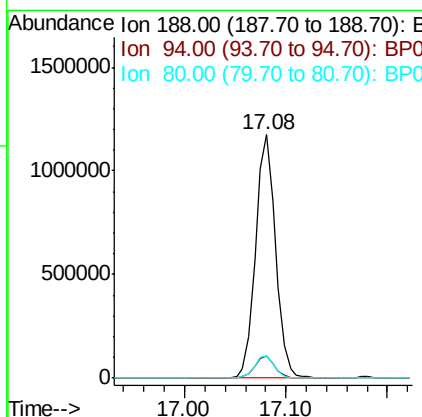
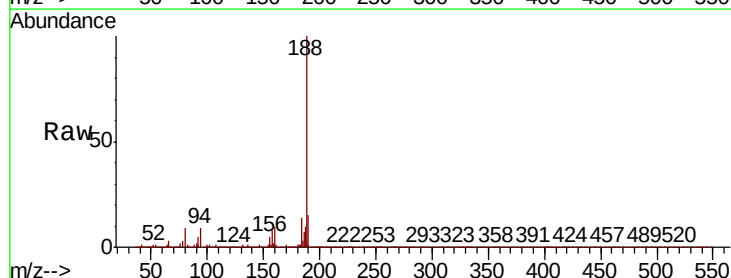
Instrument :
BNA_P
ClientSampleId :

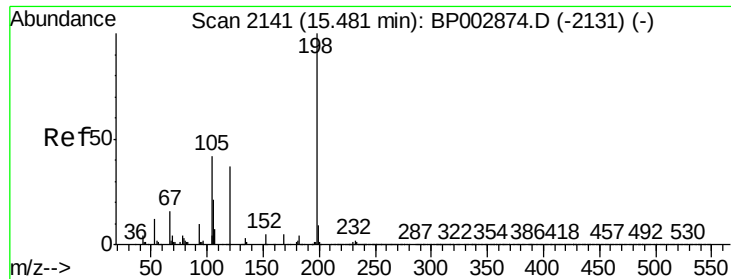
Tot Ion:138 Resp: 114
Ion Ratio Lower Upper
138 100
92 50.6 21.2 61.2
108 79.3 40.5 80.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.08 min Scan# 2413
Delta R.T. -0.01 min
Lab File: BP002989.D
Acq: 14 Aug 2020 17:37

Tgt Ion:188 Resp: 1600836
Ion Ratio Lower Upper
188 100
94 9.1 7.0 10.6
80 9.0 7.0 10.6





#65

4,6-Dinitro-2-methylphenol

Concen: 6.903 ng

RT: 15.46 min Scan# 2138

Delta R.T. -0.01 min

Lab File: BP002989.D

Acq: 14 Aug 2020 17:37

Instrument :

BNA_P

ClientSampleId :

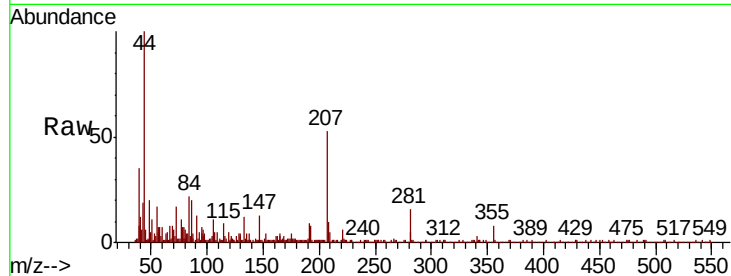
Tot Ion:198 Resp: 27

Ion Ratio Lower Upper

198 100

51 650.0 6.5 46.5#

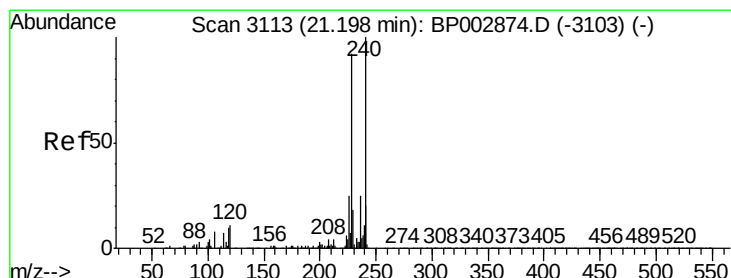
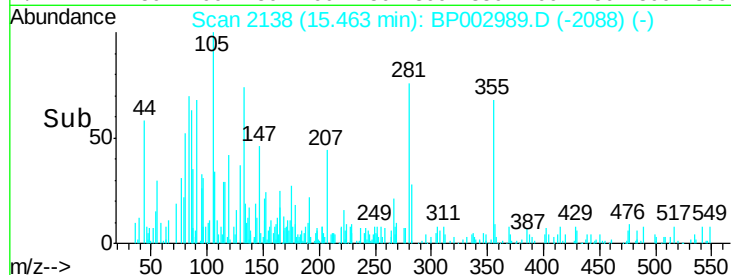
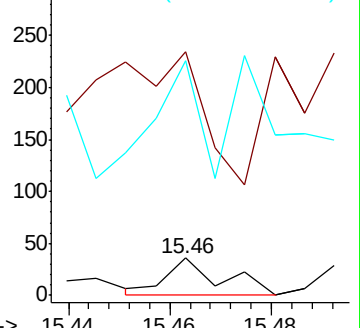
105 627.8 20.4 60.4#



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: 21.17 min Scan# 3109

Delta R.T. -0.01 min

Lab File: BP002989.D

Acq: 14 Aug 2020 17:37

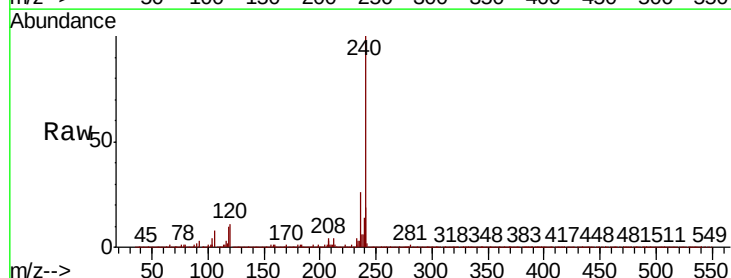
Tgt Ion:240 Resp: 1694315

Ion Ratio Lower Upper

240 100

120 11.5 10.6 16.0

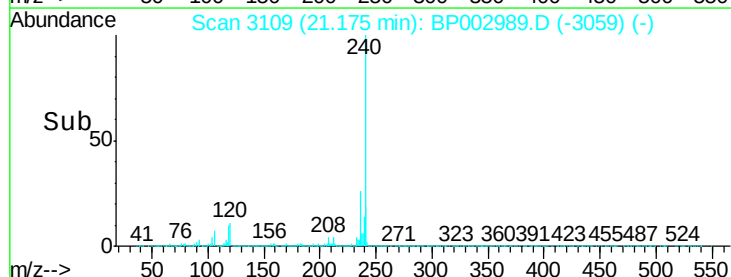
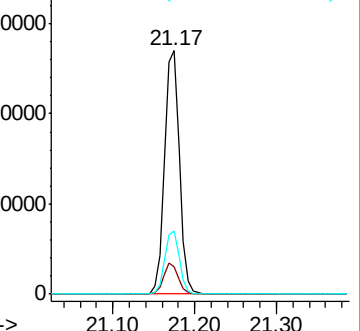
236 26.0 20.7 31.1

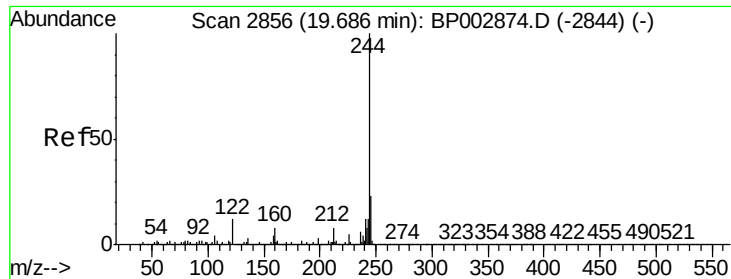


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 67.993 ng

RT: 19.66 min Scan# 2851

Delta R.T. -0.01 min

Lab File: BP002989.D

Acq: 14 Aug 2020 17:37

Instrument :

BNA_P

ClientSampleId :

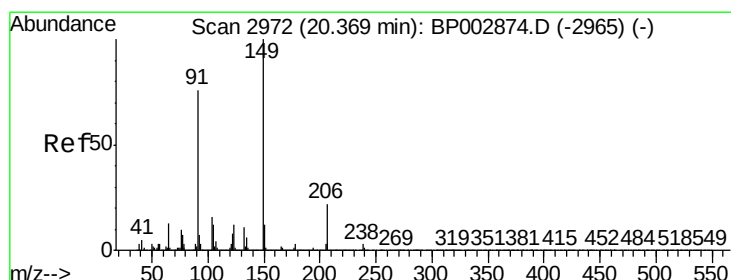
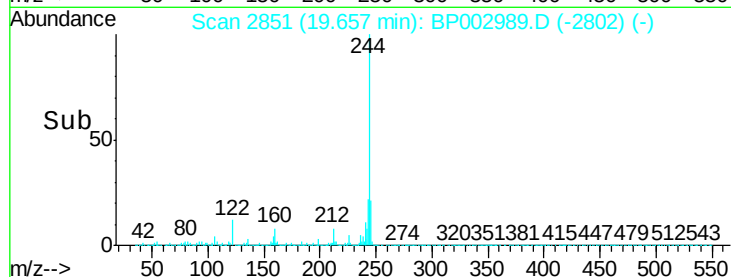
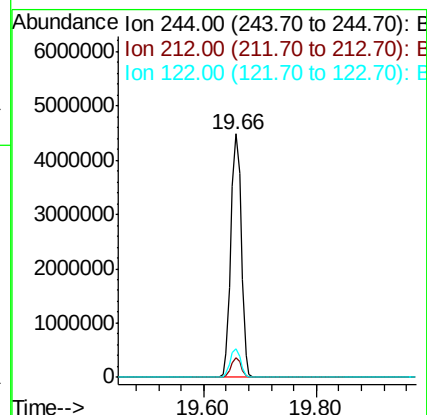
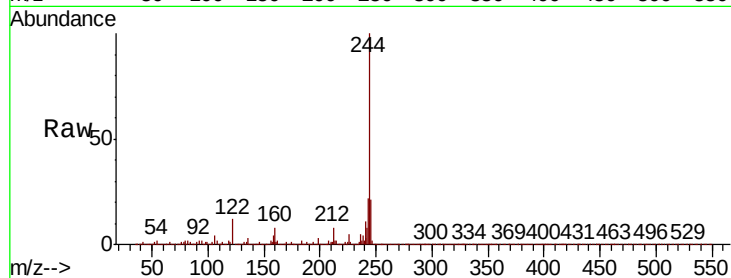
Tot Ion:244 Resp: 5754436

Ion Ratio Lower Upper

244 100

212 7.9 6.3 9.5

122 11.9 9.9 14.9



#80

Butylbenzylphthalate

Concen: 3.141 ng

RT: 20.34 min Scan# 2967

Delta R.T. -0.01 min

Lab File: BP002989.D

Acq: 14 Aug 2020 17:37

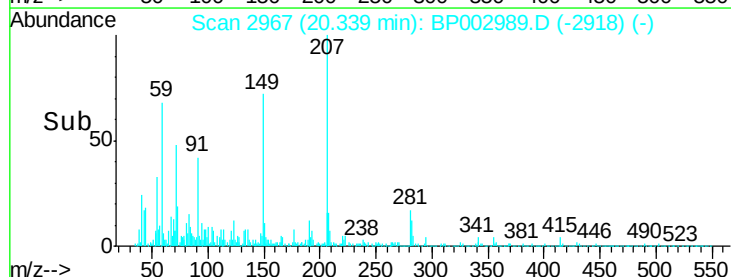
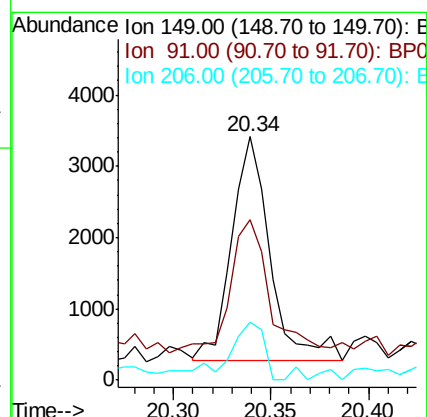
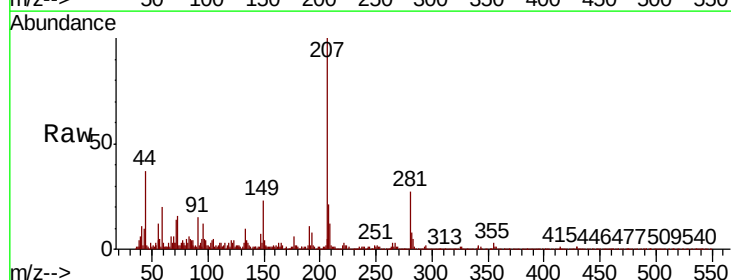
Tgt Ion:149 Resp: 4277

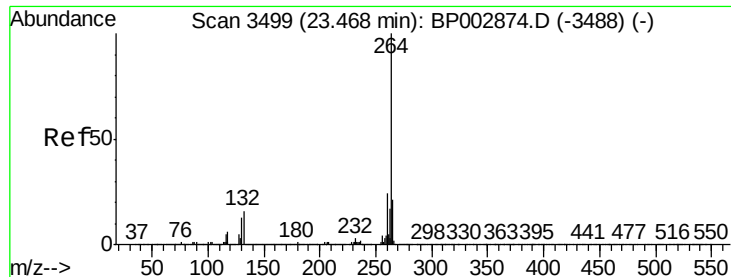
Ion Ratio Lower Upper

149 100

91 65.9 46.5 69.7

206 23.8 17.2 25.8





#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.42 min Scan# 3491
Delta R.T. -0.01 min
Lab File: BP002989.D
Acq: 14 Aug 2020 17:37

Instrument :
BNA_P
ClientSampleId :

Tot Ion:264 Resp: 1883332

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.7	28.1
265	22.0	17.6	26.4

