

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP081420\
 Data File : BP002979.D
 Acq On : 14 Aug 2020 11:45
 Operator : CG/JU
 Sample : PB130933BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Aug 14 13:02:36 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	375221	20.00	ng	-0.01
21) Naphthalene-d8	10.47	136	1441479	20.00	ng	-0.01
39) Acenaphthene-d10	14.33	164	779941	20.00	ng	-0.01
64) Phenanthrene-d10	17.08	188	1484539	20.00	ng	-0.01
76) Chrysene-d12	21.17	240	1327879	20.00	ng	0.00
86) Perylene-d12	23.42	264	1414760	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.30	112	1810170	73.84	ng	0.00
7) Phenol-d6	6.87	99	2099491	61.68	ng	-0.01
23) Nitrobenzene-d5	8.83	82	1211382	45.52	ng	-0.01
42) 2,4,6-Tribromophenol	15.82	330	647797	66.83	ng	-0.01
45) 2-Fluorobiphenyl	12.95	172	3066103	53.71	ng	-0.01
79) Terphenyl-d14	19.66	244	3357237	50.61	ng	-0.01

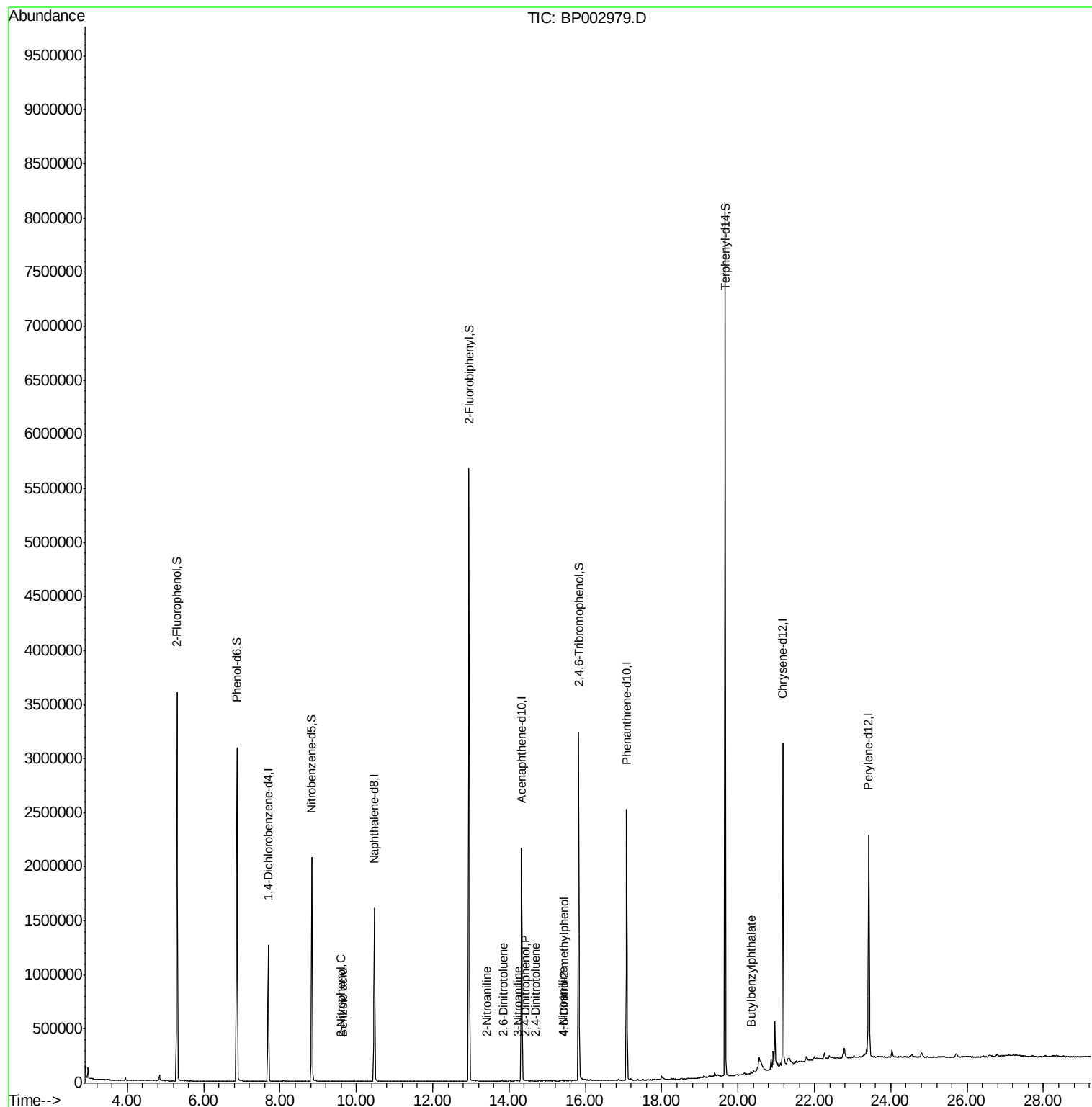
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
26) 2-Nitrophenol	9.59	139	50	4.524	ng	# 1
32) Benzoic acid	9.63	122	152	7.696	ng	95
48) 2-Nitroaniline	13.41	65	98	3.979	ng	# 44
51) 2,6-Dinitrotoluene	13.86	165	36	2.902	ng	98
53) 3-Nitroaniline	14.24	138	259	3.290	ng	# 40
54) 2,4-Dinitrophenol	14.44	184	17	8.060	ng	# 1
57) 2,4-Dinitrotoluene	14.70	165	205	3.816	ng	# 52
62) 4-Nitroaniline	15.41	138	412	2.444	ng	# 80
65) 4,6-Dinitro-2-methylphenol	15.45	198	14	6.902	ng	# 1
80) Butylbenzylphthalate	20.34	149	8041	3.257	ng	# 95

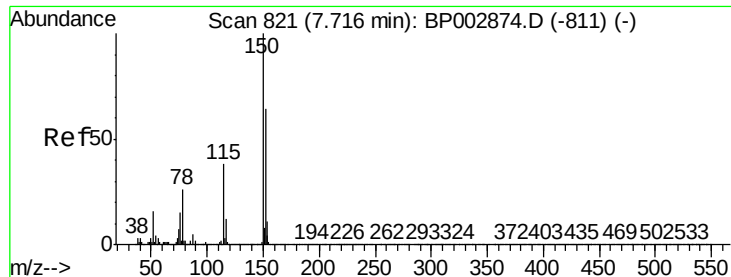
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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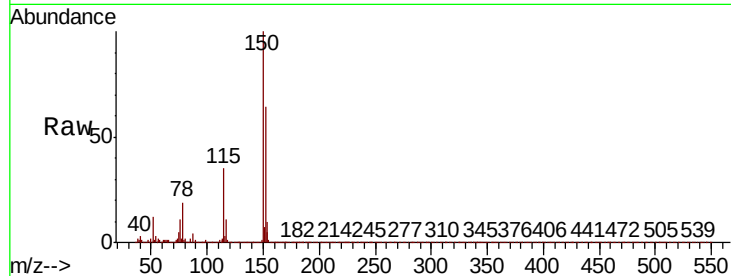


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.69 min Scan# 817
Delta R.T. -0.01 min
Lab File: BP002979.D
Acq: 14 Aug 2020 11:45

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.2	124.2	186.4
115	55.2	42.1	63.1

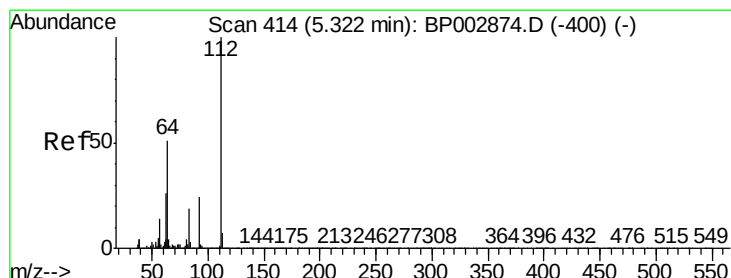
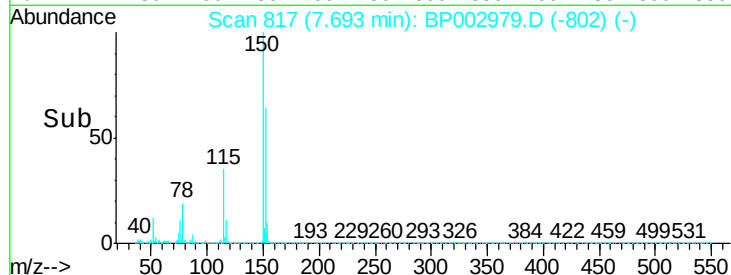
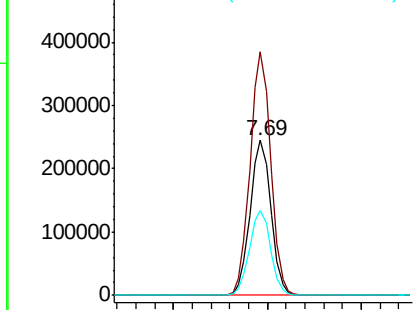


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

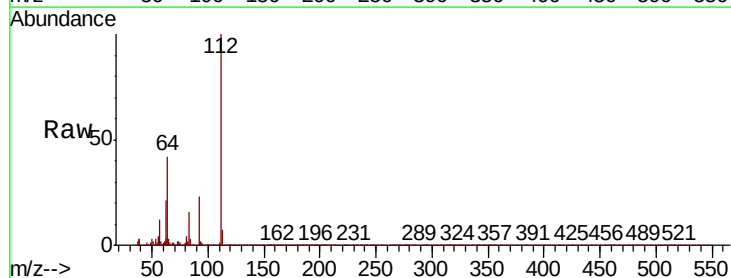
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 73.835 ng
RT: 5.30 min Scan# 410
Delta R.T. -0.01 min
Lab File: BP002979.D
Acq: 14 Aug 2020 11:45

Tgt Ion	Ratio	Lower	Upper
112	100		
64	41.9	33.8	50.8
63	21.5	17.2	25.8

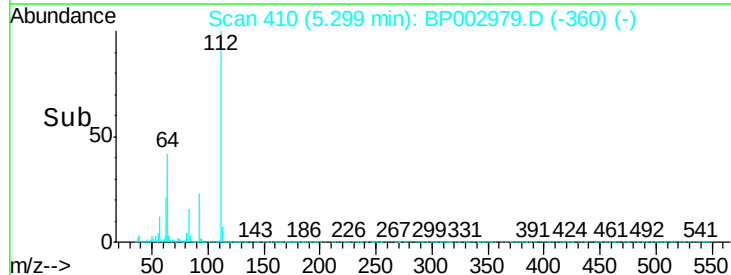
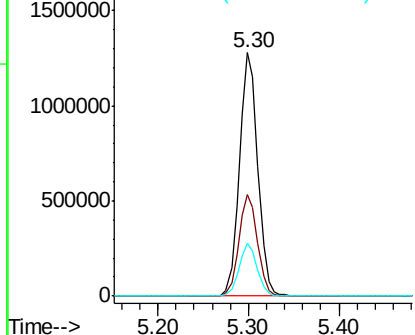


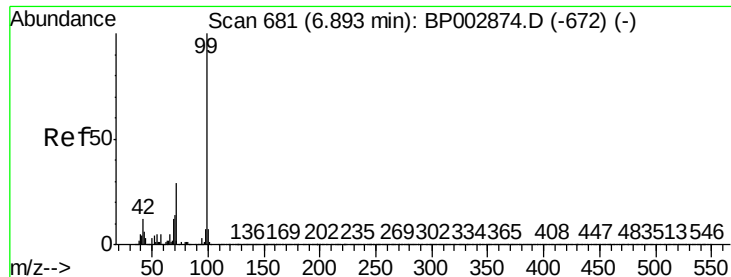
Abundance

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: 61.681 ng

RT: 6.87 min Scan# 677

Delta R.T. -0.01 min

Lab File: BP002979.D

Acq: 14 Aug 2020 11:45

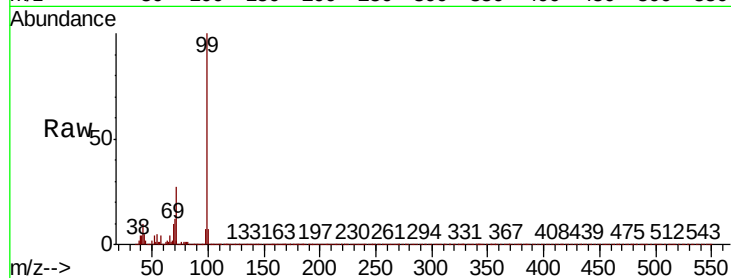
Instrument :

BNA_P

ClientSampleId :

Tot Ion: 99 Resp: 2099491

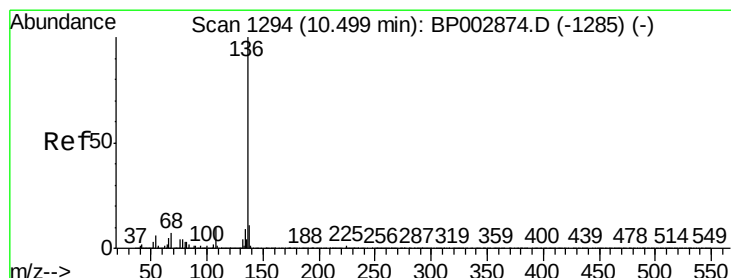
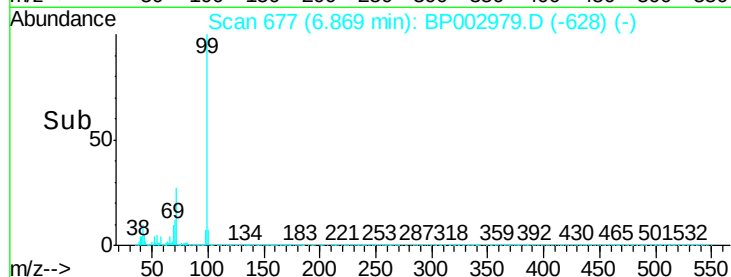
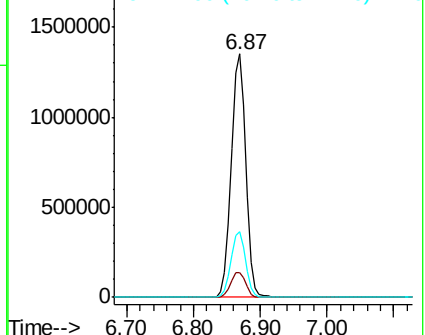
Ion	Ratio	Lower	Upper
99	100		
42	10.4	8.1	12.1
71	27.1	21.0	31.4



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: 10.47 min Scan# 1289

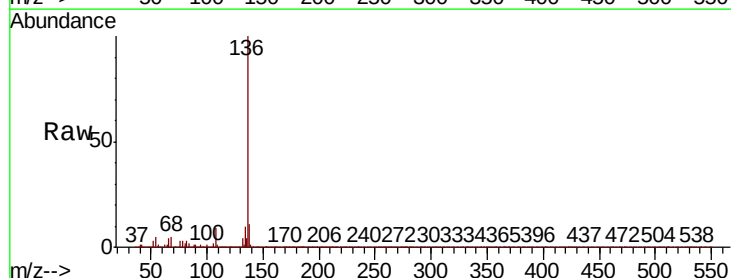
Delta R.T. -0.01 min

Lab File: BP002979.D

Acq: 14 Aug 2020 11:45

Tgt Ion: 136 Resp: 1441479

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.4
54	4.8	3.9	5.9
68	4.8	3.8	5.8

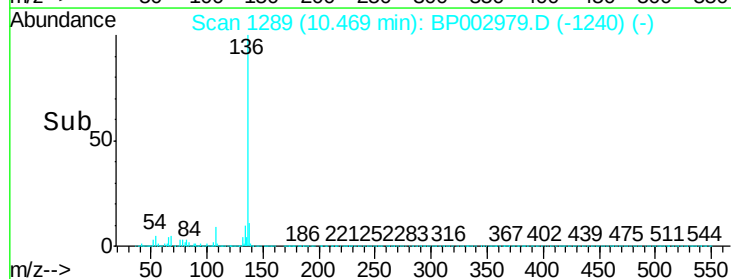
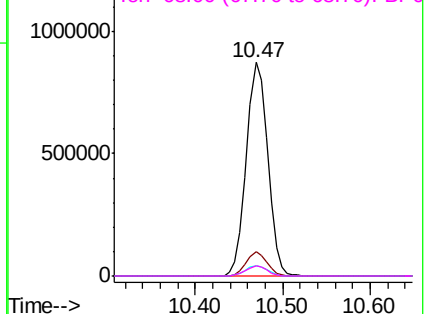


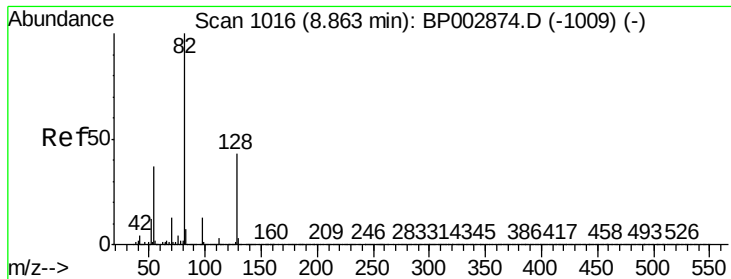
Abundance Ion 136.00 (135.70 to 136.70): E

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

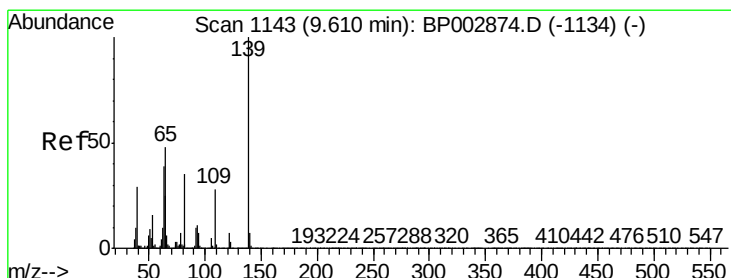
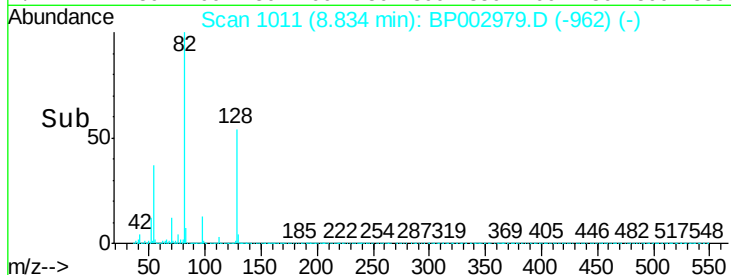
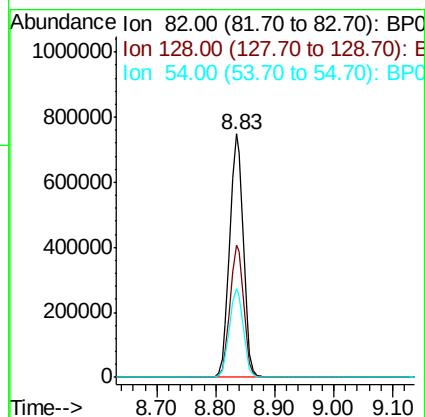
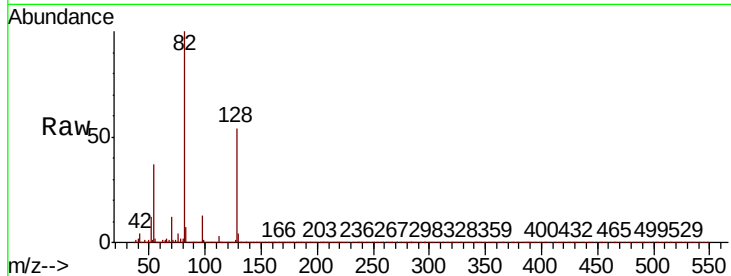




#23
Nitrobenzene-d5
Concen: 45.517 ng
RT: 8.83 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BP002979.D
Acq: 14 Aug 2020 11:45

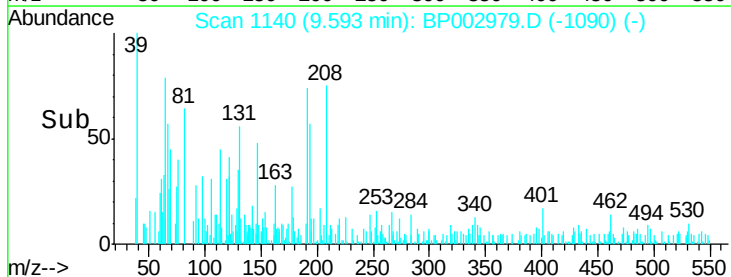
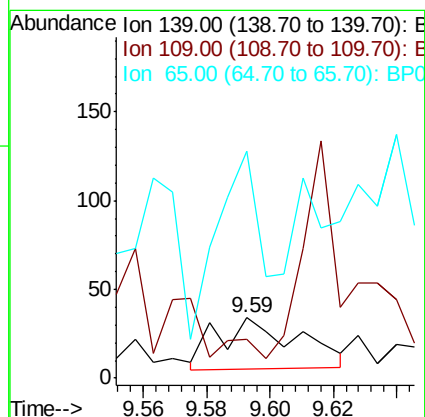
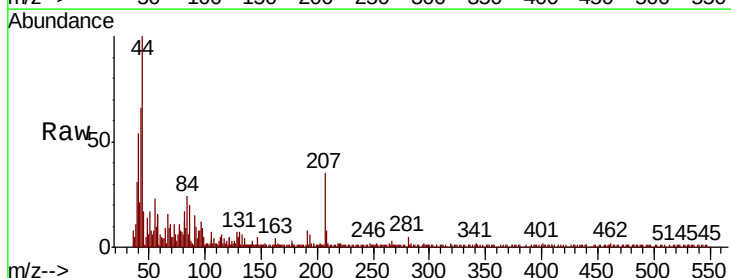
Instrument :
BNA_P
ClientSampled :

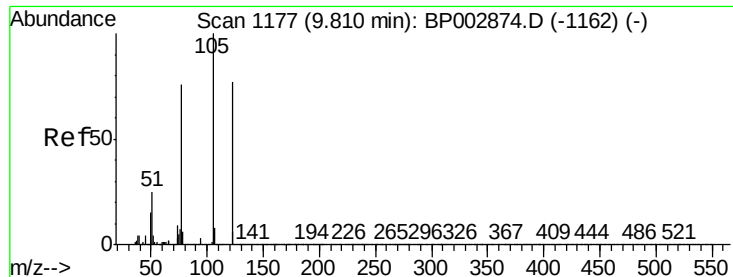
Tot Ion: 82 Resp: 1211382
Ion Ratio Lower Upper
82 100
128 54.3 44.6 66.8
54 36.6 29.2 43.8



#26
2-Nitrophenol
Concen: 4.524 ng
RT: 9.59 min Scan# 1140
Delta R.T. -0.01 min
Lab File: BP002979.D
Acq: 14 Aug 2020 11:45

Tgt Ion: 139 Resp: 50
Ion Ratio Lower Upper
139 100
109 129.4 19.5 29.3#
65 376.5 26.6 40.0#

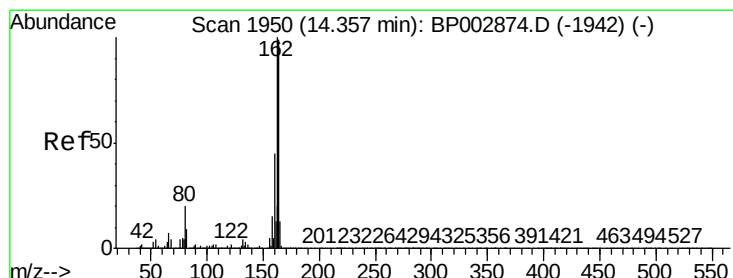
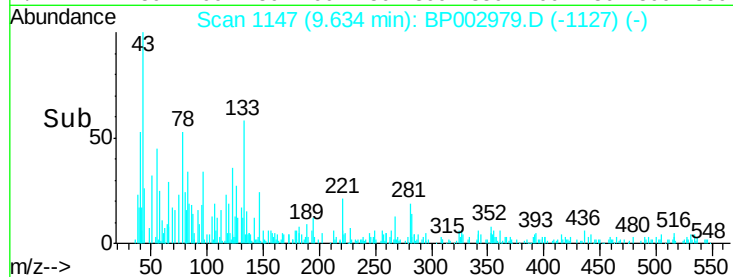
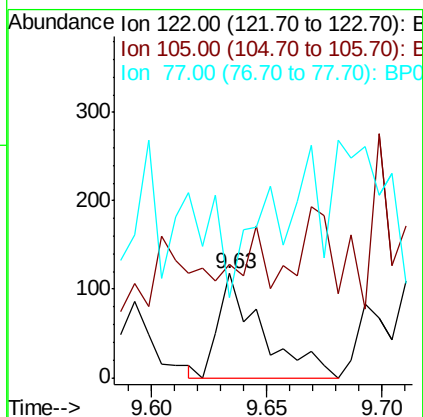
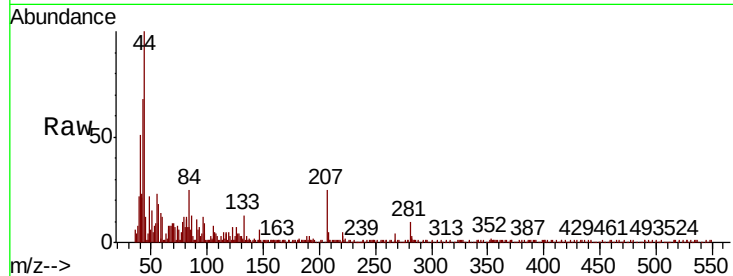




#32
Benzoic acid
Concen: 7.696 ng
RT: 9.63 min Scan# 1147
Delta R.T. -0.18 min
Lab File: BP002979.D
Acq: 14 Aug 2020 11:45

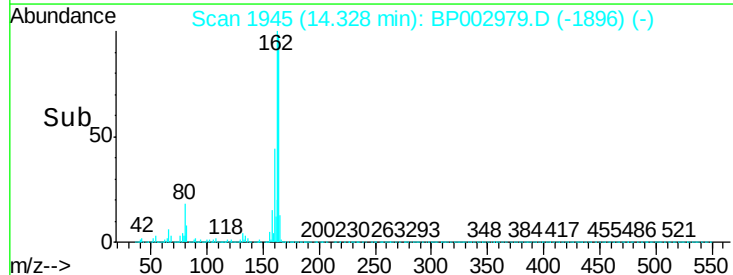
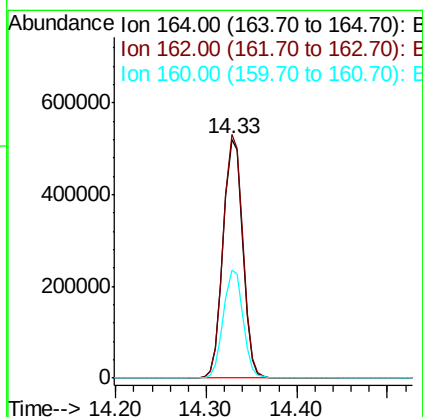
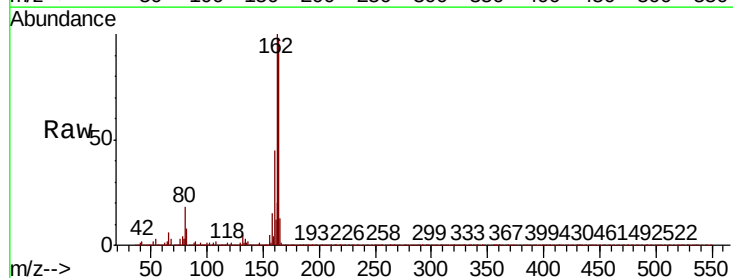
Instrument :
BNA_P
ClientSampleId :

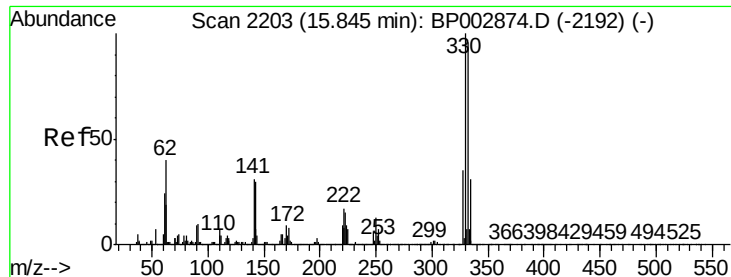
Tot Ion	Ratio	Lower	Upper
122	100		
105	108.5	95.8	135.8
77	77.1	54.7	94.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.33 min Scan# 1945
Delta R.T. -0.01 min
Lab File: BP002979.D
Acq: 14 Aug 2020 11:45

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.0	81.0	121.4
160	45.4	36.2	54.4

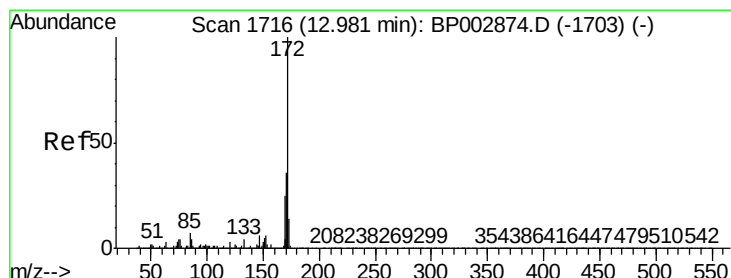
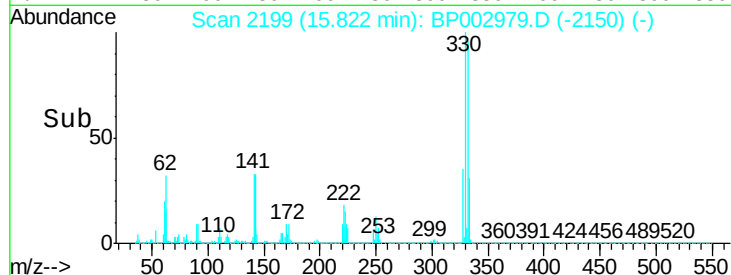
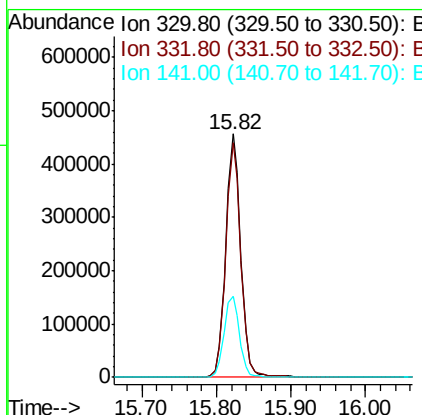
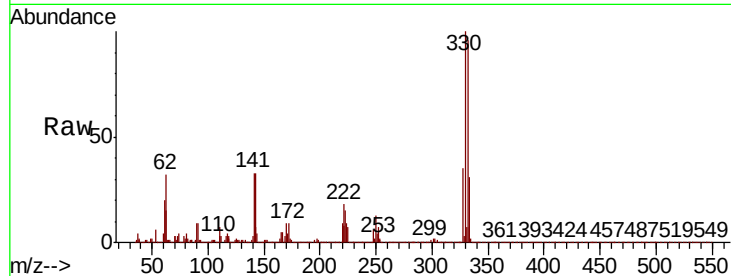




#42
2,4,6-Tribromophenol
Concen: 66.826 ng
RT: 15.82 min Scan# 2199
Delta R.T. -0.01 min
Lab File: BP002979.D
Acq: 14 Aug 2020 11:45

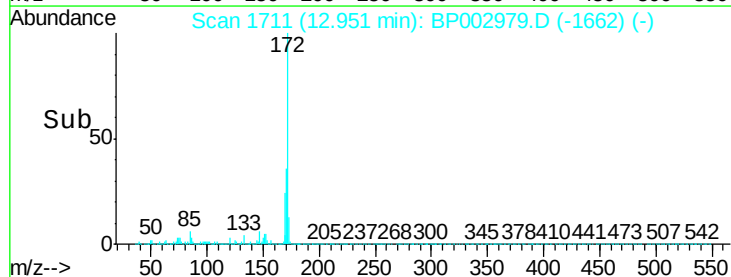
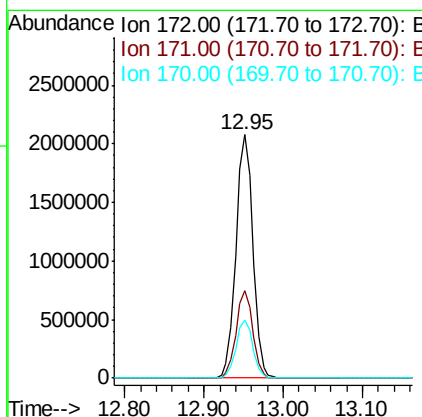
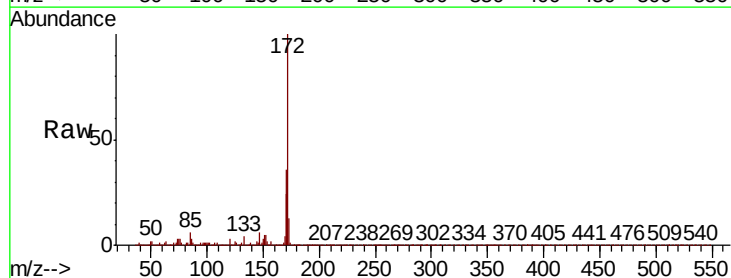
Instrument :
BNA_P
ClientSampleId :

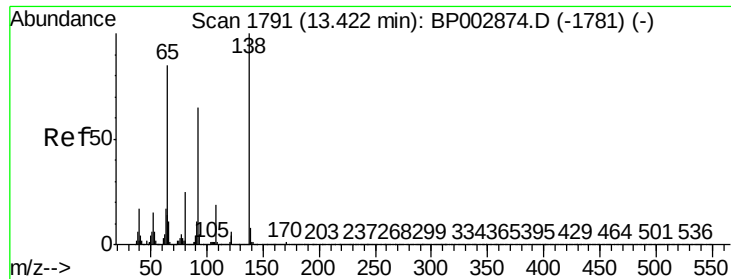
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.0	115.4
141	34.4	28.6	43.0



#45
2-Fluorobiphenyl
Concen: 53.712 ng
RT: 12.95 min Scan# 1711
Delta R.T. -0.01 min
Lab File: BP002979.D
Acq: 14 Aug 2020 11:45

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.6	44.4
170	23.7	19.6	29.4

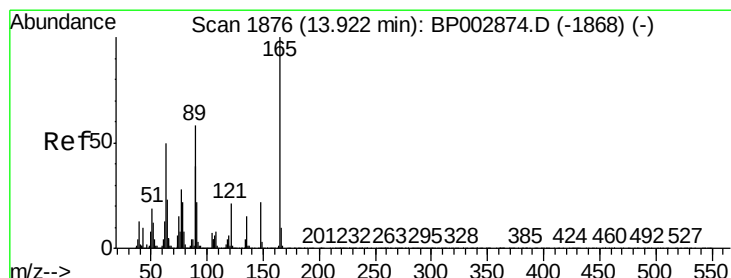
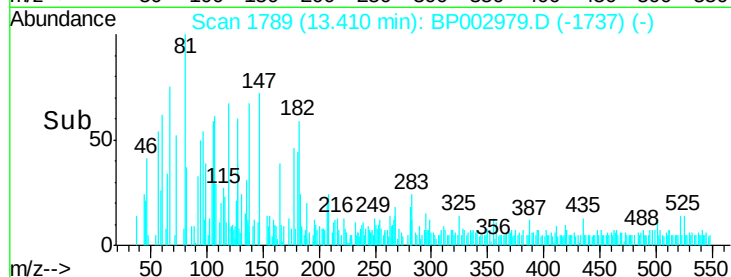
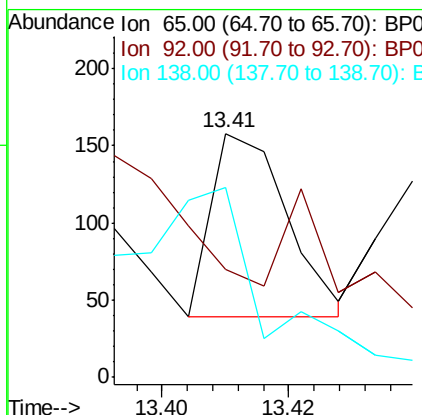
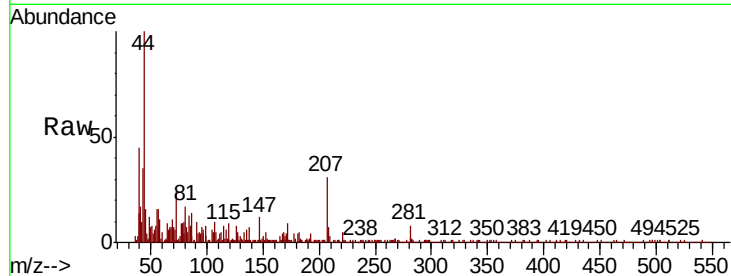




#48
2-Nitroaniline
Concen: 3.979 ng
RT: 13.41 min Scan# 1789
Delta R.T. 0.01 min
Lab File: BP002979.D
Acq: 14 Aug 2020 11:45

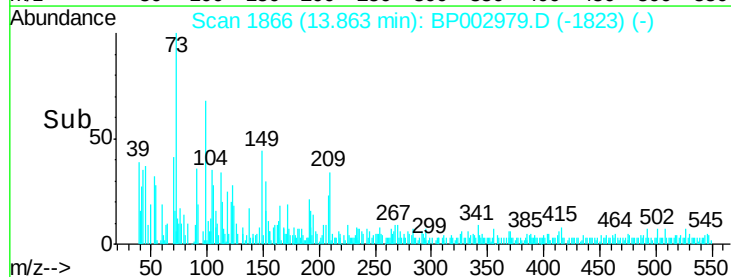
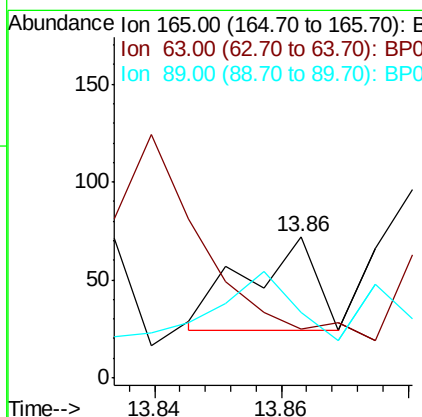
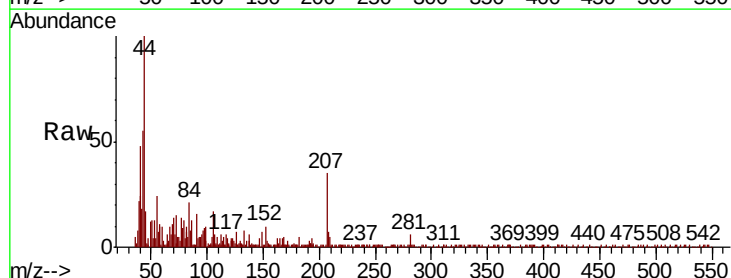
Instrument :
BNA_P
ClientSampleId :

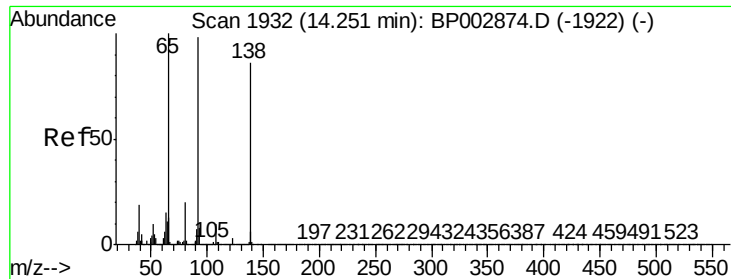
Tot Ion: 65 Resp: 98
Ion Ratio Lower Upper
65 100
92 44.3 69.6 104.4#
138 77.8 125.6 188.4#



#51
2,6-Dinitrotoluene
Concen: 2.902 ng
RT: 13.86 min Scan# 1866
Delta R.T. -0.05 min
Lab File: BP002979.D
Acq: 14 Aug 2020 11:45

Tgt Ion: 165 Resp: 36
Ion Ratio Lower Upper
165 100
63 34.7 27.5 41.3
89 45.8 35.3 52.9

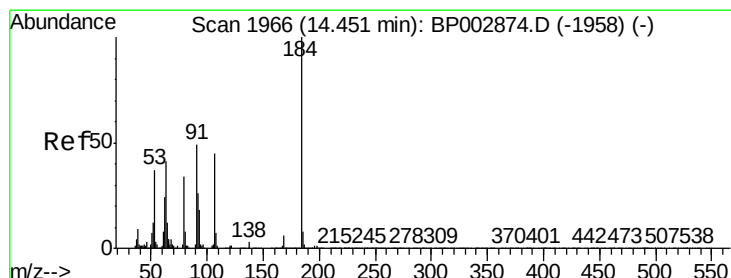
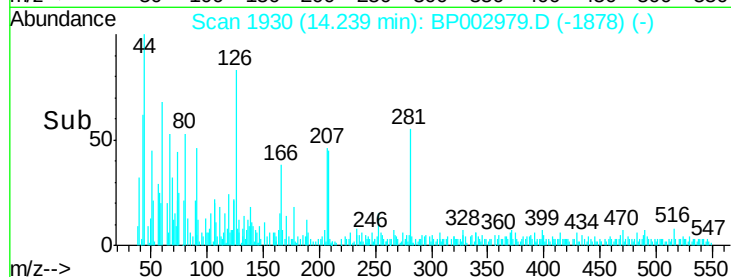
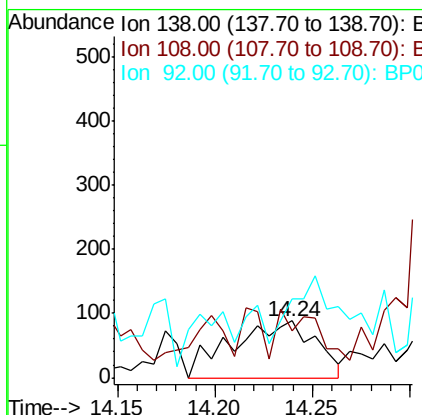
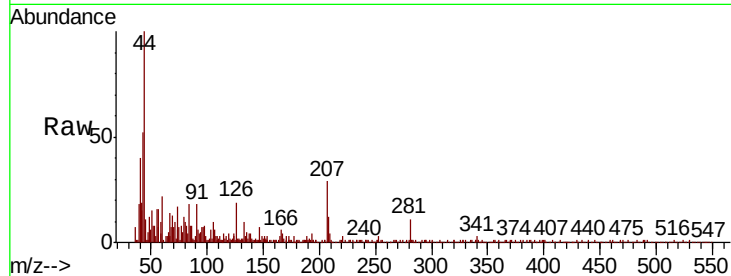




#53
3-Nitroaniline
Concen: 3.290 ng
RT: 14.24 min Scan# 1930
Delta R.T. 0.01 min
Lab File: BP002979.D
Acq: 14 Aug 2020 11:45

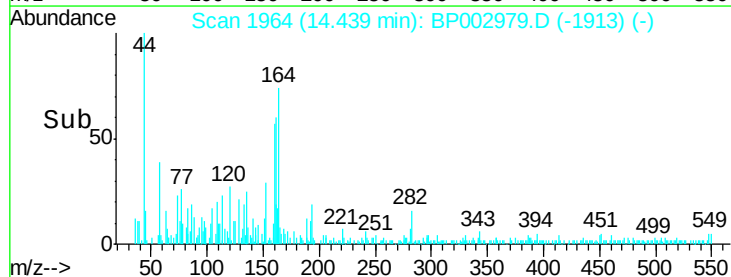
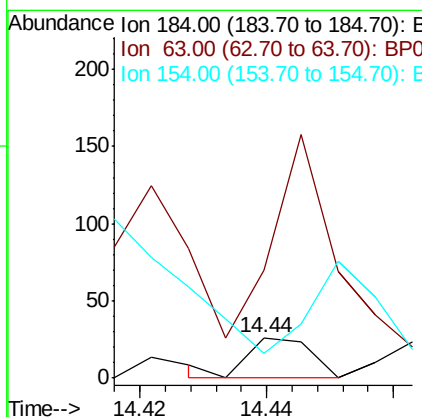
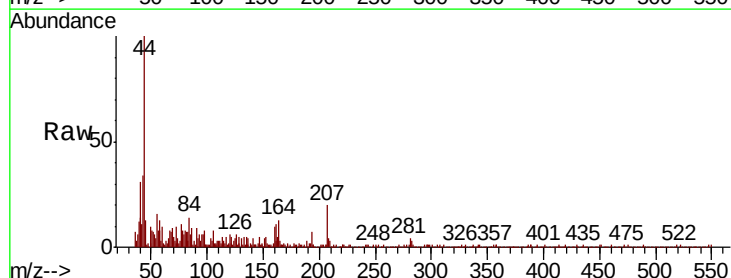
Instrument :
BNA_P
ClientSampleId :

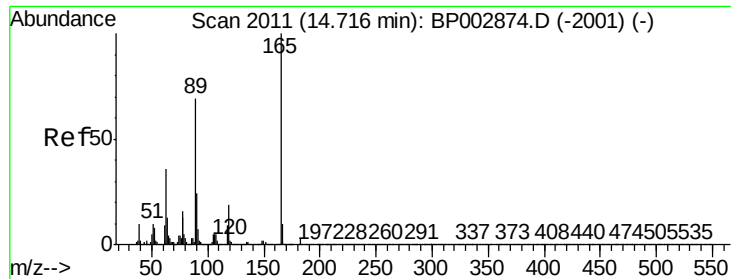
Tot Ion:138 Resp: 259
Ion Ratio Lower Upper
138 100
108 83.0 7.2 10.8#
92 139.8 75.8 113.6#



#54
2,4-Dinitrophenol
Concen: 8.060 ng
RT: 14.44 min Scan# 1964
Delta R.T. -0.00 min
Lab File: BP002979.D
Acq: 14 Aug 2020 11:45

Tgt Ion:184 Resp: 17
Ion Ratio Lower Upper
184 100
63 269.2 36.4 54.6#
154 88.5 46.6 69.8#

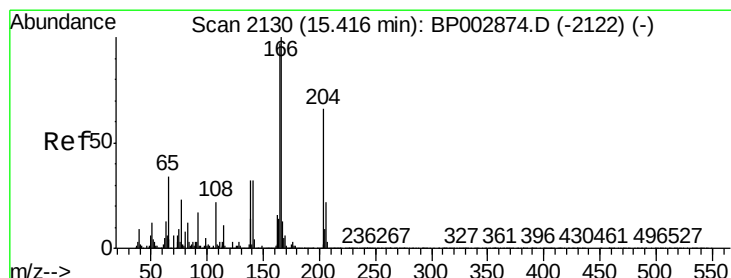
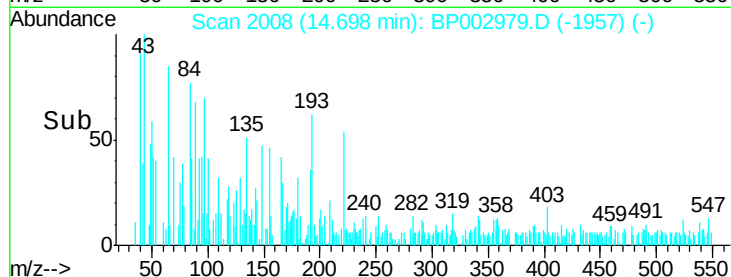
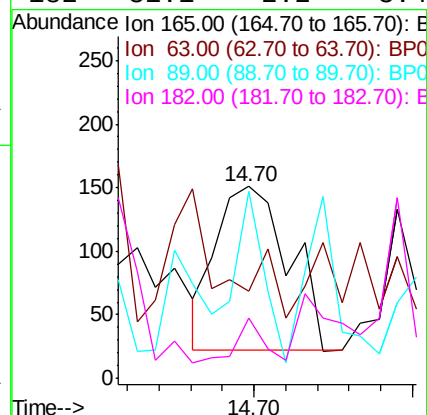
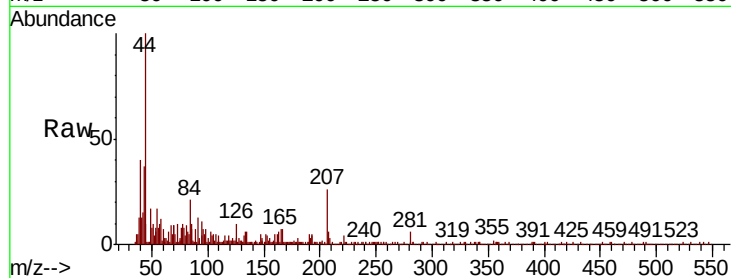




#57
2,4-Dinitrotoluene
Concen: 3.816 ng
RT: 14.70 min Scan# 2008
Delta R.T. -0.00 min
Lab File: BP002979.D
Acq: 14 Aug 2020 11:45

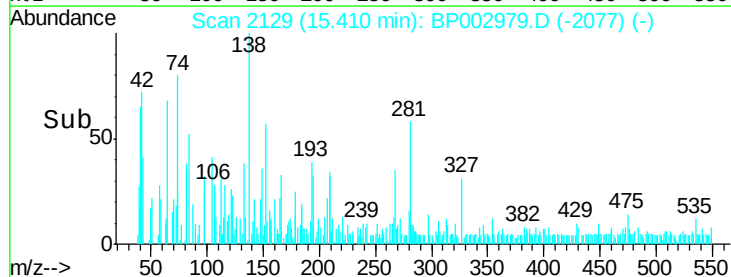
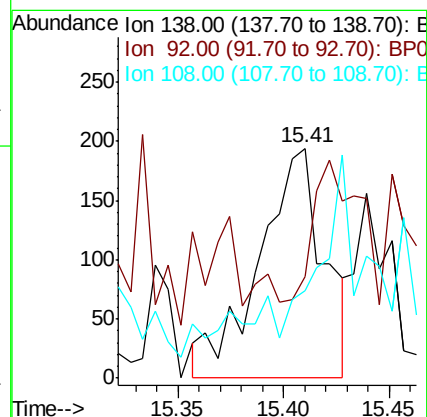
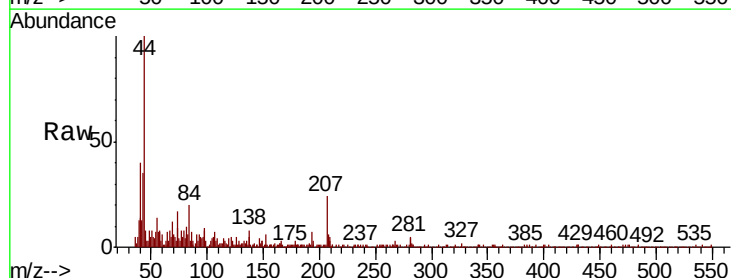
Instrument :
BNA_P
ClientSampled :

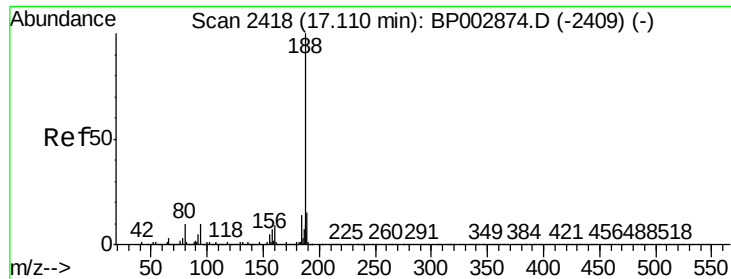
Tot Ion:165 Resp: 205
Ion Ratio Lower Upper
165 100
63 45.7 22.6 34.0#
89 97.4 46.2 69.2#
182 31.1 2.2 3.4#



#62
4-Nitroaniline
Concen: 2.444 ng
RT: 15.41 min Scan# 2129
Delta R.T. 0.01 min
Lab File: BP002979.D
Acq: 14 Aug 2020 11:45

Tgt Ion:138 Resp: 412
Ion Ratio Lower Upper
138 100
92 44.3 21.2 61.2
108 38.1 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: BP002979.D

Acq: 14 Aug 2020 11:45

Instrument :

BNA_P

ClientSampled :

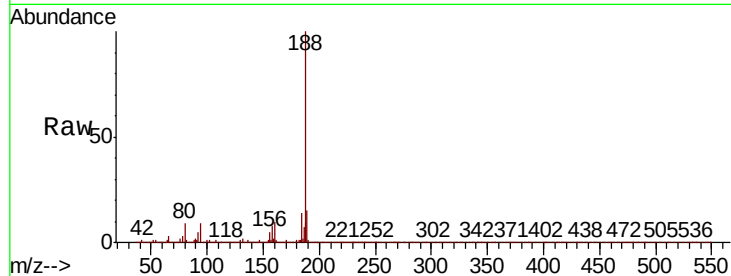
Tot Ion:188 Resp: 1484539

Ion Ratio Lower Upper

188 100

94 9.1 7.0 10.6

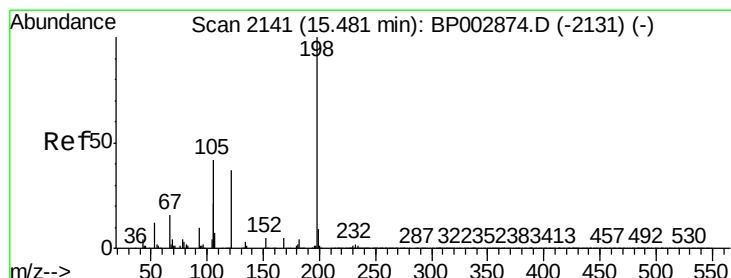
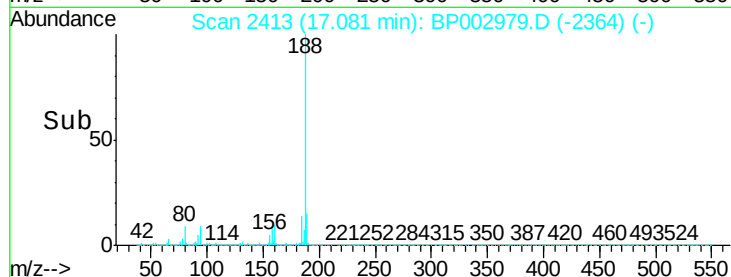
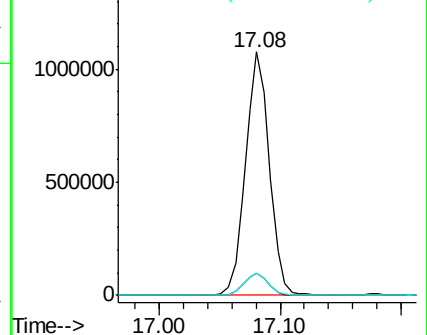
80 8.9 7.0 10.6



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: 15.45 min Scan# 2135

Delta R.T. -0.02 min

Lab File: BP002979.D

Acq: 14 Aug 2020 11:45

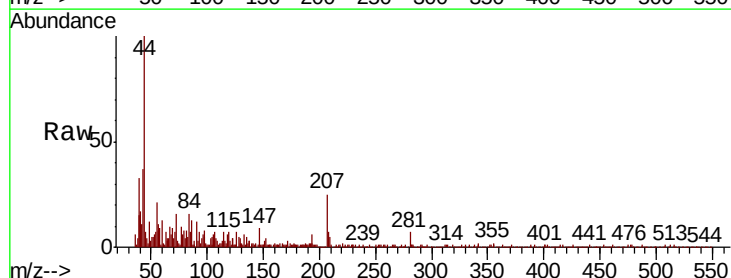
Tgt Ion:198 Resp: 14

Ion Ratio Lower Upper

198 100

51 800.0 6.5 46.5#

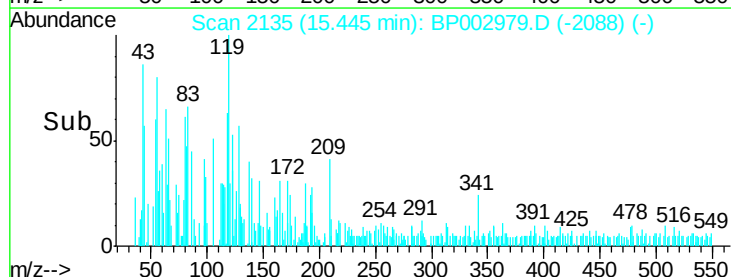
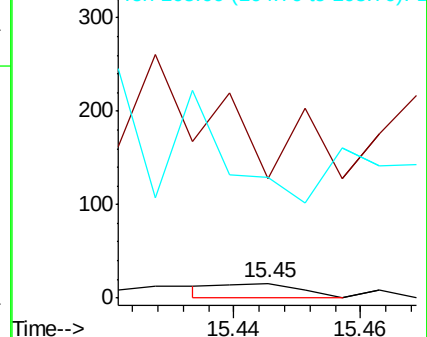
105 806.3 20.4 60.4#

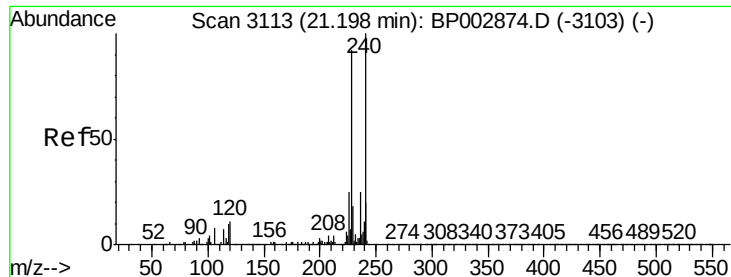


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BP0

Ion 105.00 (104.70 to 105.70): E

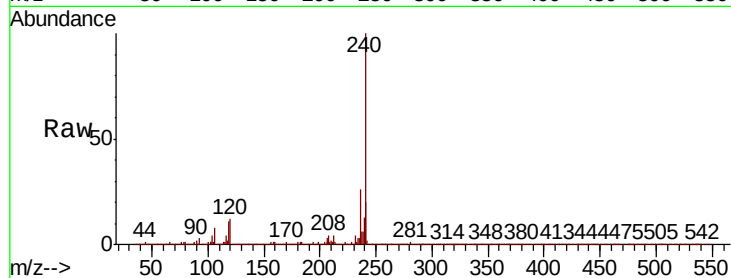




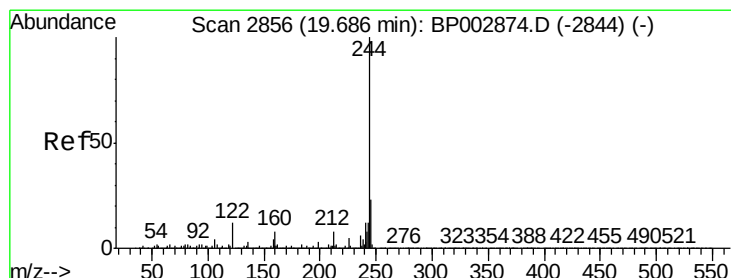
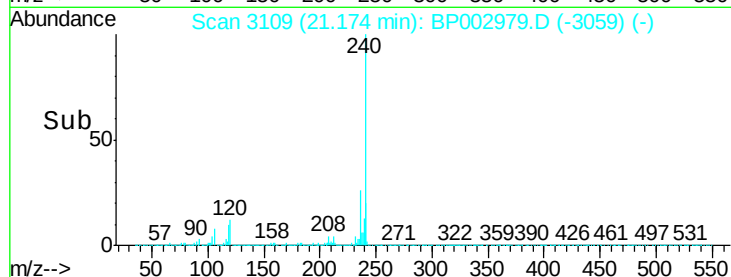
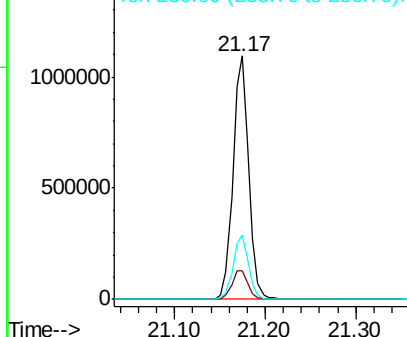
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.17 min Scan# 3109
Delta R.T. -0.01 min
Lab File: BP002979.D
Acq: 14 Aug 2020 11:45

Instrument :
BNA_P
ClientSampled :

Tot Ion:240 Resp: 1327879
Ion Ratio Lower Upper
240 100
120 12.0 10.6 16.0
236 26.3 20.7 31.1

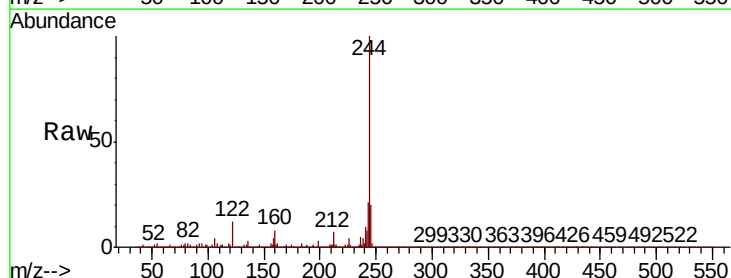


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

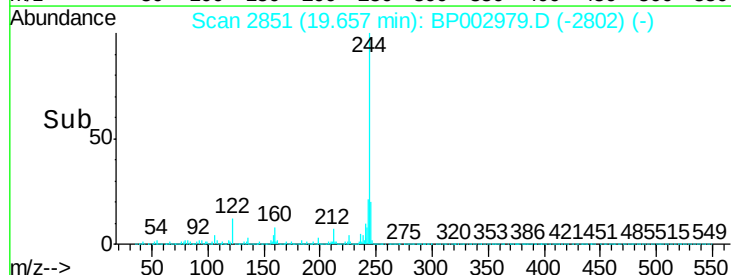
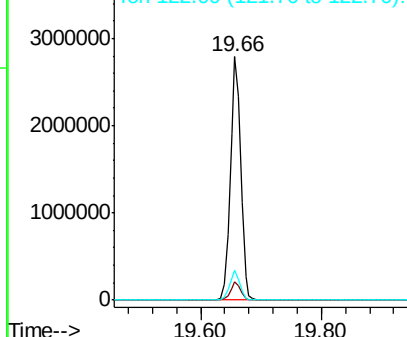


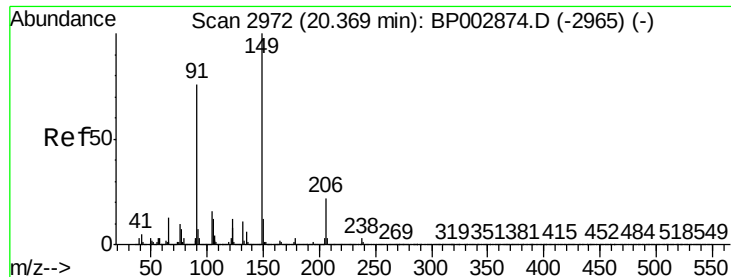
#79
Terphenyl-d14
Concen: 50.615 ng
RT: 19.66 min Scan# 2851
Delta R.T. -0.01 min
Lab File: BP002979.D
Acq: 14 Aug 2020 11:45

Tgt Ion:244 Resp: 3357237
Ion Ratio Lower Upper
244 100
212 7.3 6.3 9.5
122 12.1 9.9 14.9



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E

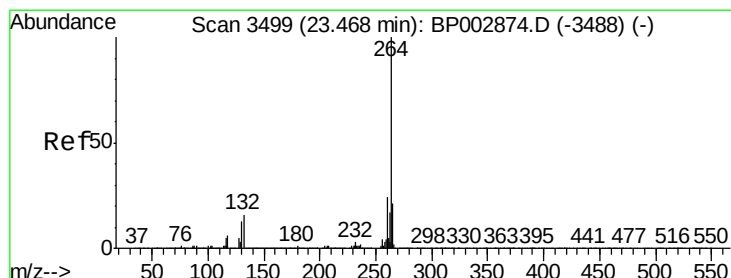
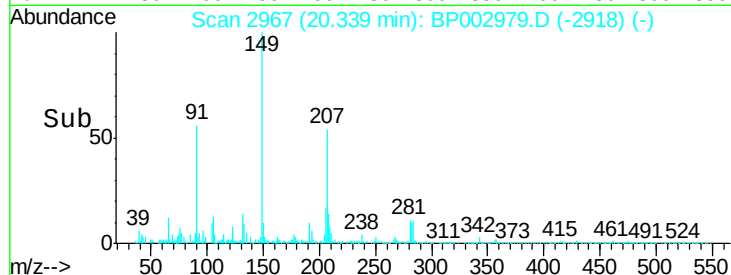
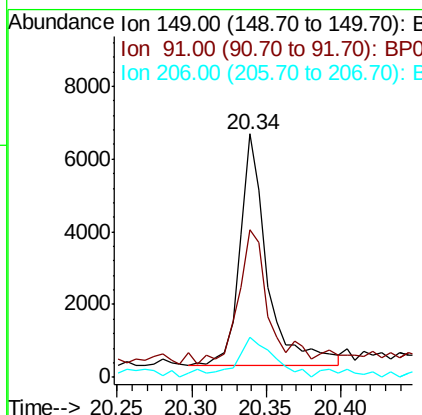
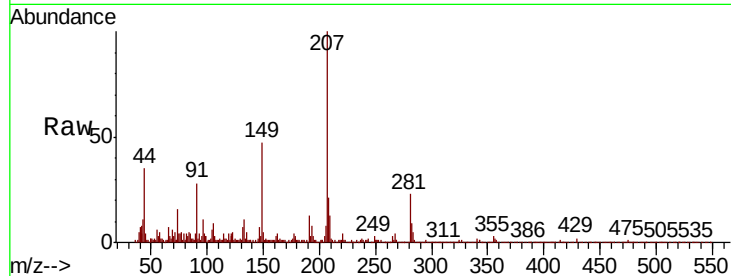




#80
Butylbenzylphthalate
Concen: 3.257 ng
RT: 20.34 min Scan# 2967
Delta R.T. -0.01 min
Lab File: BP002979.D
Acq: 14 Aug 2020 11:45

Instrument :
BNA_P
ClientSampled :

Tot Ion:149 Resp: 8041
Ion Ratio Lower Upper
149 100
91 60.6 46.5 69.7
206 16.5 17.2 25.8#



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.42 min Scan# 3491
Delta R.T. -0.01 min
Lab File: BP002979.D
Acq: 14 Aug 2020 11:45

Tgt Ion:264 Resp: 1414760
Ion Ratio Lower Upper
264 100
260 23.7 18.7 28.1
265 21.7 17.6 26.4

