

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP081820\
 Data File : BP003014.D
 Acq On : 18 Aug 2020 12:37
 Operator : CG/JU
 Sample : L3659-07
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SP1-3

Quant Time: Aug 18 18:45:35 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP073020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 17 14:07:35 2020
 Response via : Initial Calibration

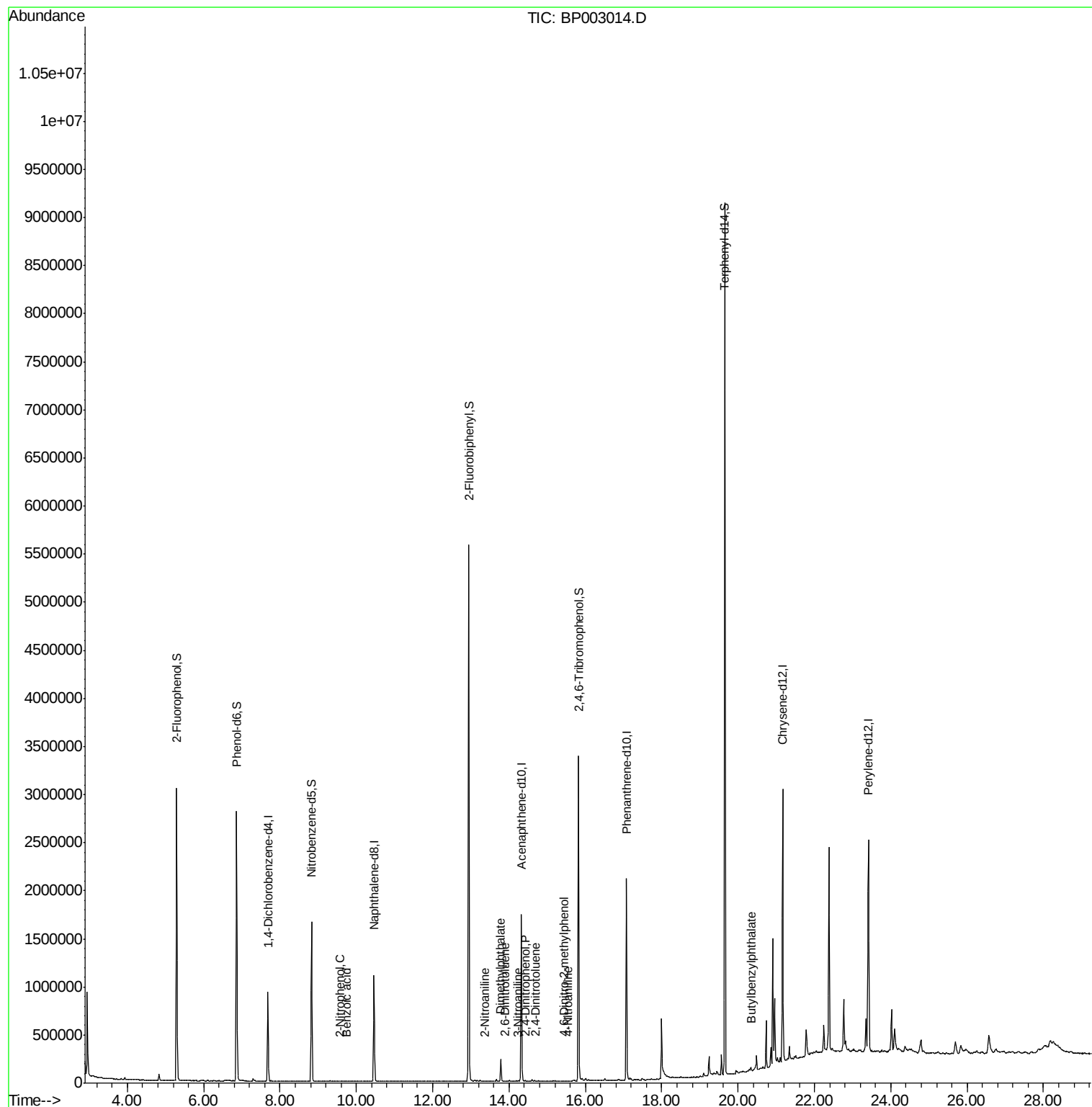
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	293190	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	1008982	20.00	ng	0.00
39) Acenaphthene-d10	14.32	164	596376	20.00	ng	0.00
64) Phenanthrene-d10	17.07	188	1251389	20.00	ng	0.00
76) Chrysene-d12	21.17	240	1338502	20.00	ng	0.00
86) Perylene-d12	23.42	264	1515467	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	1594919	83.26	ng	0.00
7) Phenol-d6	6.86	99	1956997	73.58	ng	0.00
23) Nitrobenzene-d5	8.83	82	967131	51.92	ng	0.00
42) 2,4,6-Tribromophenol	15.82	330	699426	94.36	ng	0.00
45) 2-Fluorobiphenyl	12.95	172	3071731	70.37	ng	0.00
79) Terphenyl-d14	19.65	244	3771162	56.40	ng	0.00
Target Compounds						
26) 2-Nitrophenol	9.57	139	40	4.525	ng	Qvalue # 1
32) Benzoic acid	9.76	122	1693	7.838	ng	91
48) 2-Nitroaniline	13.37	65	80	3.979	ng	# 21
50) Dimethylphthalate	13.78	163	173635	3.723	ng	100
51) 2,6-Dinitrotoluene	13.89	165	209	2.918	ng	89
53) 3-Nitroaniline	14.23	138	86	3.281	ng	# 1
54) 2,4-Dinitrophenol	14.43	184	24	8.062	ng	# 30
57) 2,4-Dinitrotoluene	14.69	165	275	3.824	ng	# 59
62) 4-Nitroaniline	15.52	138	50	2.420	ng	78
65) 4,6-Dinitro-2-methylphenol	15.45	198	14	6.902	ng	# 1
80) Butylbenzylphthalate	20.33	149	6300	3.213	ng	88

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

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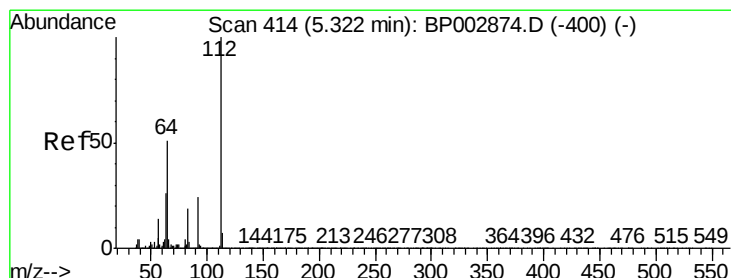
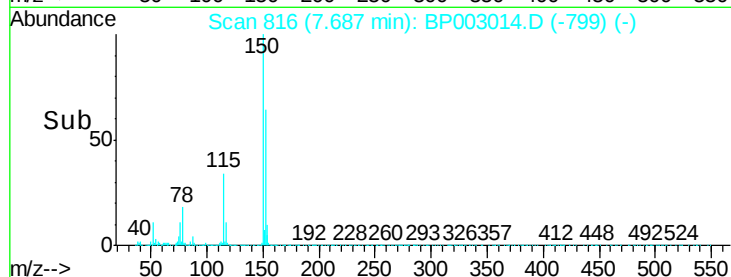
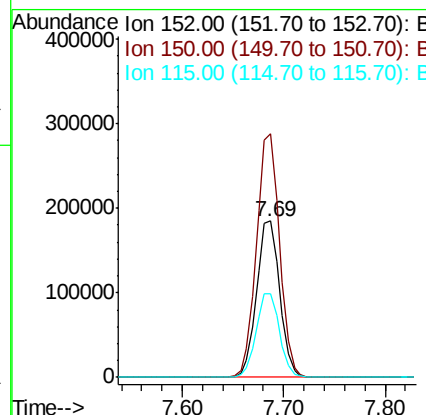
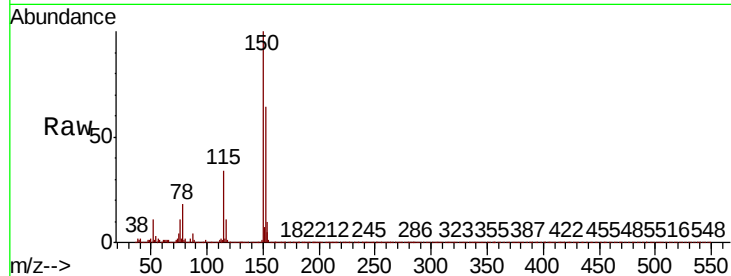


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.69 min Scan# 816
Delta R.T. -0.00 min
Lab File: BP003014.D
Acq: 18 Aug 2020 12:37

Instrument :
BNA_P
ClientSampleId :
SP1-3

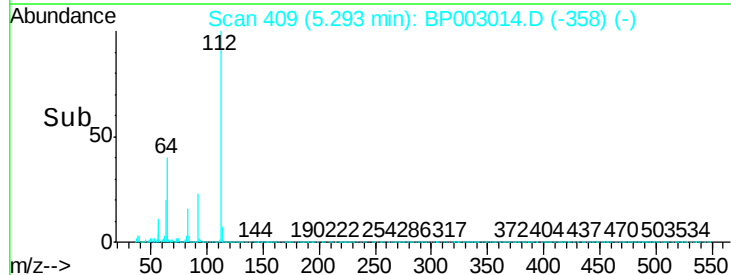
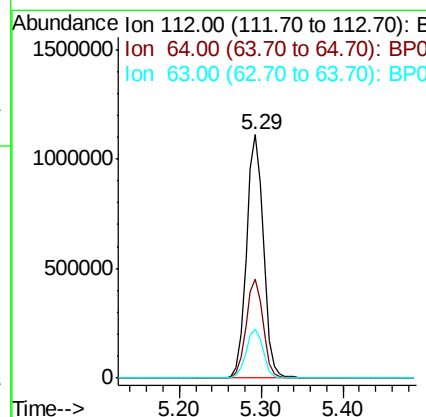
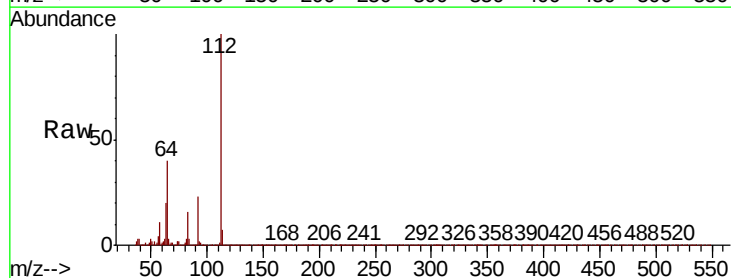
Tot Ion	Ratio	Lower	Upper
152	100		
150	156.1	126.1	189.1
115	53.6	43.4	65.2



#5

2-Fluorophenol
Concen: 83.257 ng
RT: 5.29 min Scan# 409
Delta R.T. -0.00 min
Lab File: BP003014.D
Acq: 18 Aug 2020 12:37

Tgt Ion	Ratio	Lower	Upper
112	100		
64	40.4	33.4	50.2
63	20.2	17.4	26.0





#7

Phenol-d6

Concen: 73.581 ng

RT: 6.86 min Scan# 676

Delta R.T. -0.01 min

Lab File: BP003014.D

Acq: 18 Aug 2020 12:37

Instrument :

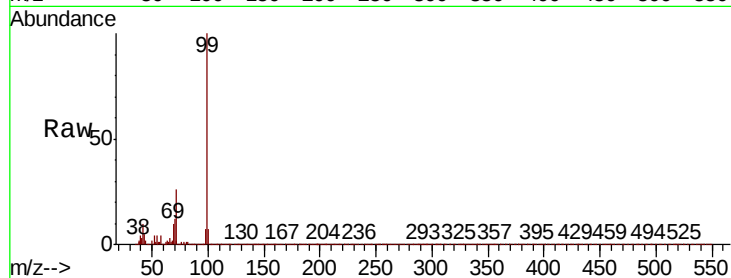
BNA_P

ClientSampleId :

SP1-3

Tot Ion: 99 Resp: 1956997

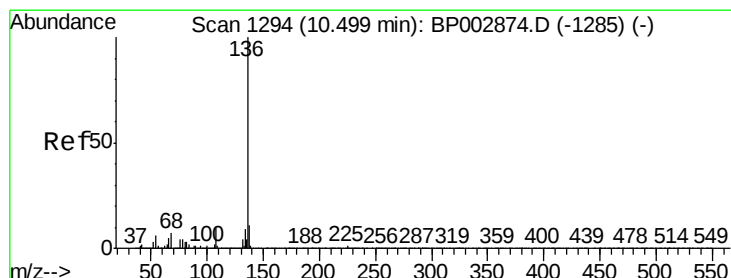
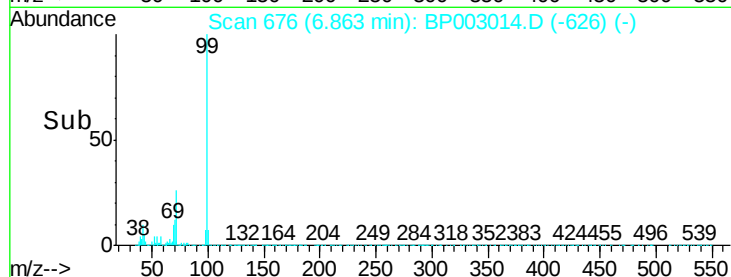
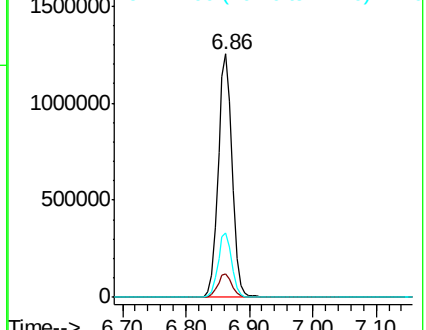
Ion	Ratio	Lower	Upper
99	100		
42	9.8	8.0	12.0
71	26.3	21.3	31.9



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: 10.46 min Scan# 1288

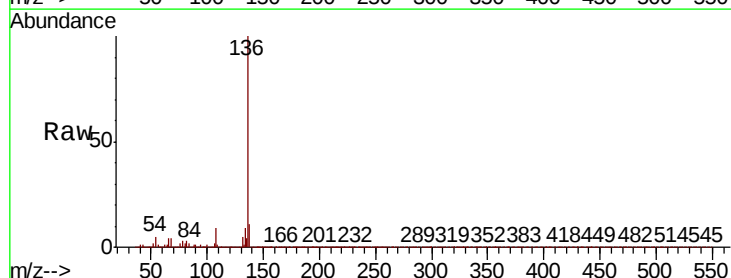
Delta R.T. -0.01 min

Lab File: BP003014.D

Acq: 18 Aug 2020 12:37

Tgt Ion: 136 Resp: 1008982

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	4.8	3.8	5.8
68	4.5	3.8	5.8

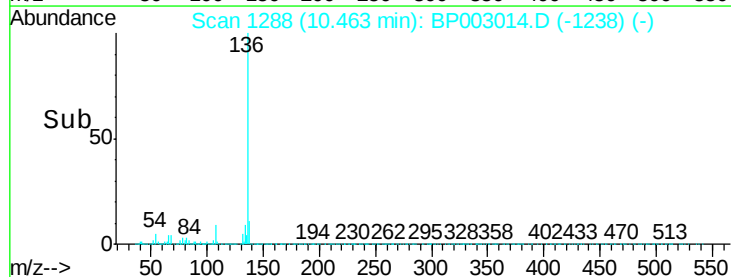
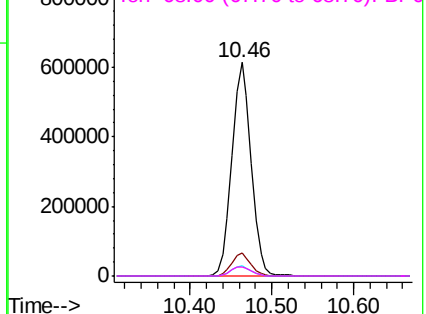


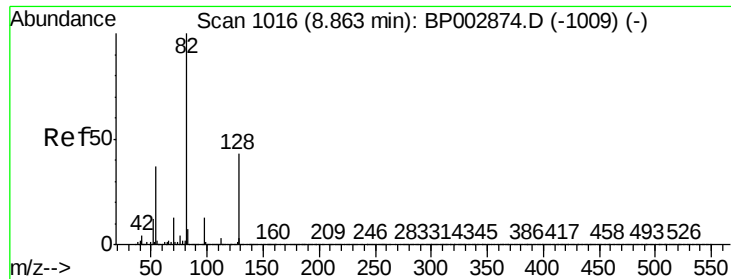
Abundance Ion 136.00 (135.70 to 136.70): E

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

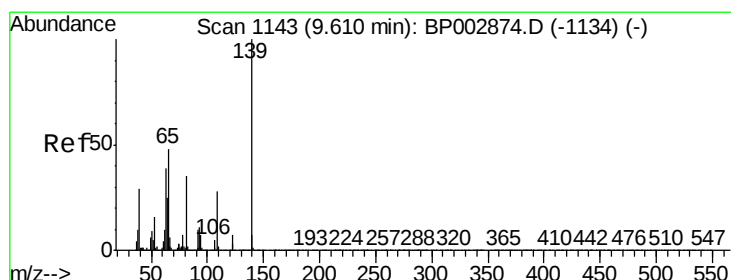
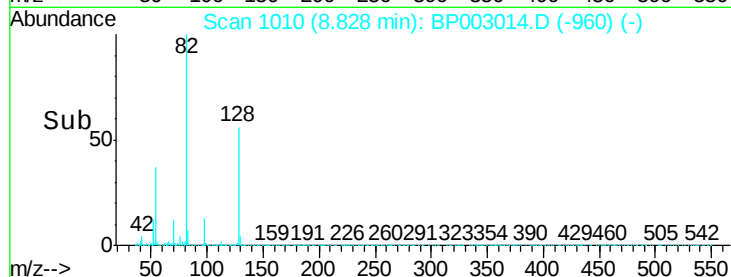
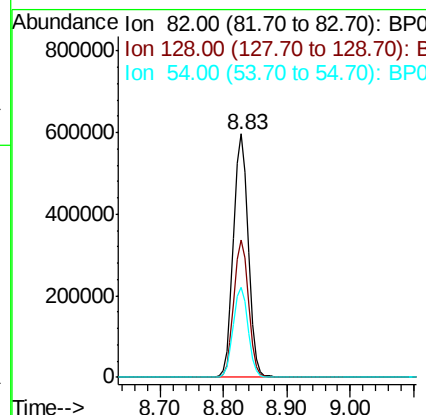
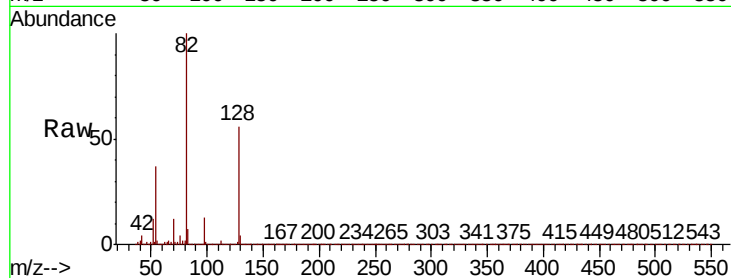




#23
Nitrobenzene-d5
Concen: 51.916 ng
RT: 8.83 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BP003014.D
Acq: 18 Aug 2020 12:37

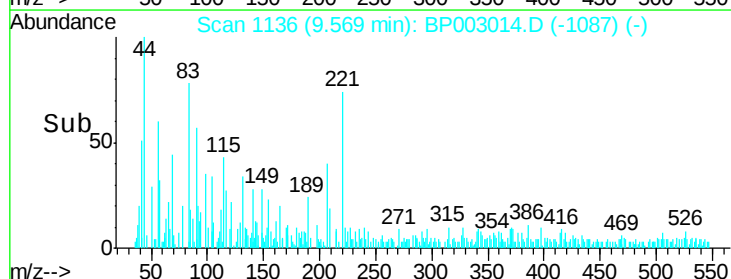
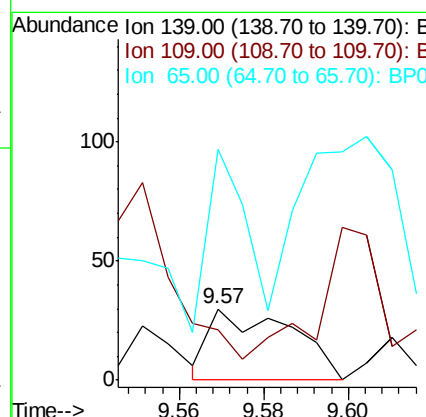
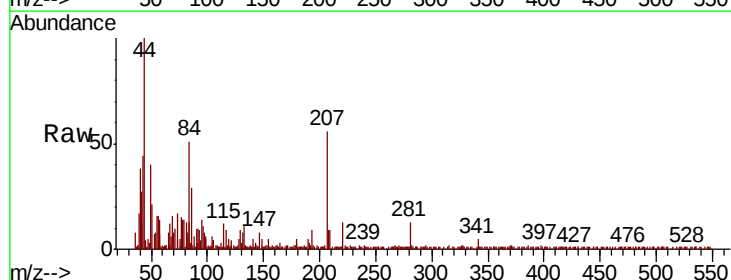
Instrument :
BNA_P
ClientSampleId :
SP1-3

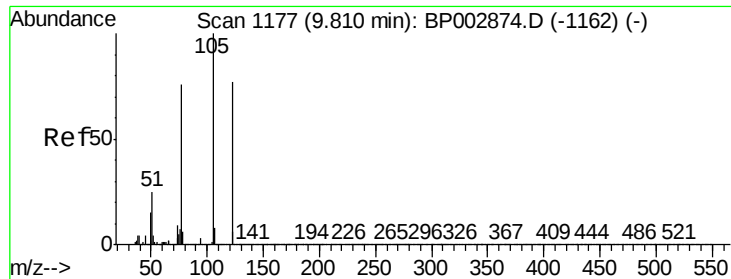
Tot Ion	82	Resp	967131
Ion Ratio	100	Lower	Upper
128	56.4	45.1	67.7
54	36.8	28.8	43.2



#26
2-Nitrophenol
Concen: 4.525 ng
RT: 9.57 min Scan# 1136
Delta R.T. -0.01 min
Lab File: BP003014.D
Acq: 18 Aug 2020 12:37

Tgt Ion	139	Resp	40
Ion Ratio	100	Lower	Upper
109	70.0	21.0	31.6#
65	323.3	27.2	40.8#

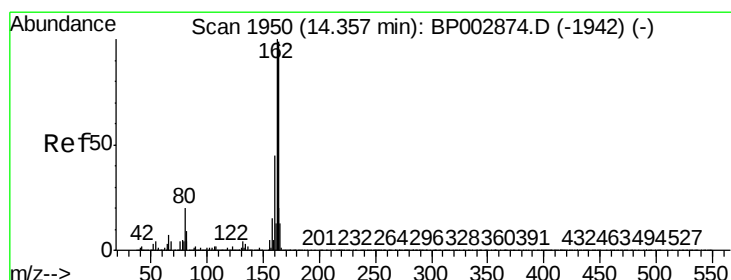
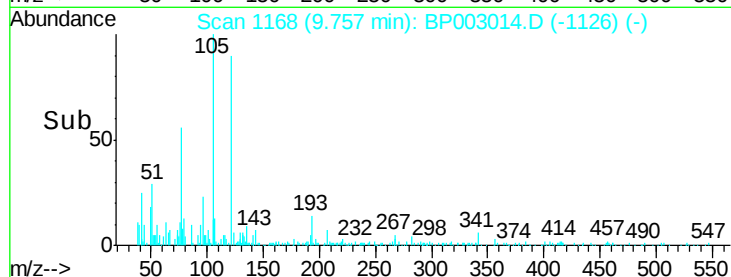
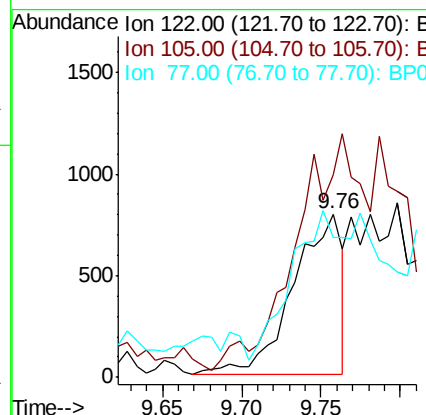
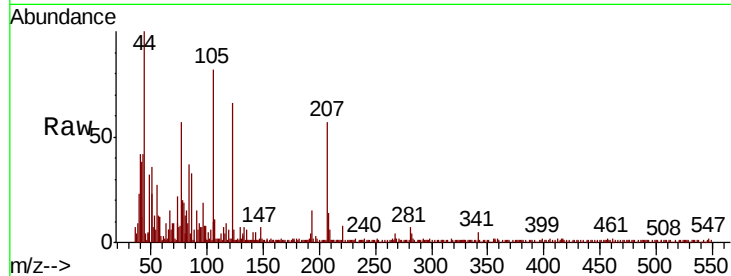




#32
Benzoic acid
Concen: 7.838 ng
RT: 9.76 min Scan# 1168
Delta R.T. -0.05 min
Lab File: BP003014.D
Acq: 18 Aug 2020 12:37

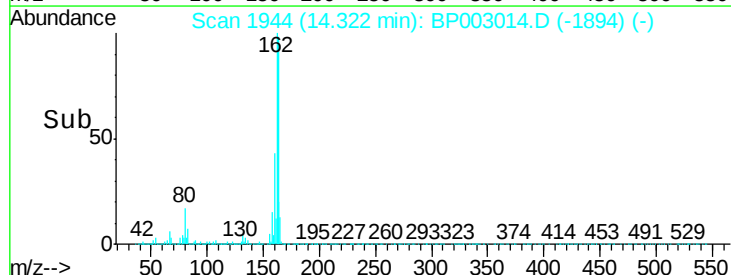
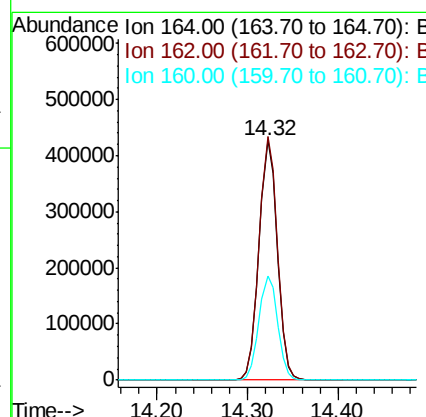
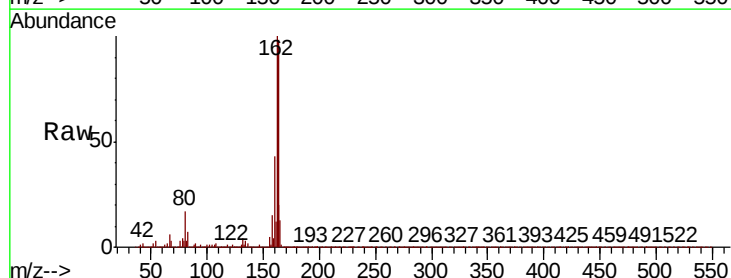
Instrument :
BNA_P
ClientSampleId :
SP1-3

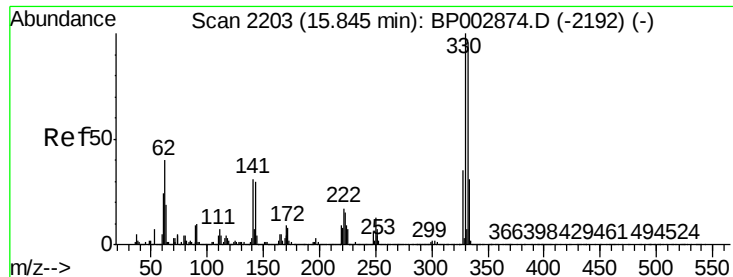
Tot Ion:122 Resp: 1693
Ion Ratio Lower Upper
122 100
105 124.2 96.2 136.2
77 85.9 55.6 95.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.32 min Scan# 1944
Delta R.T. -0.01 min
Lab File: BP003014.D
Acq: 18 Aug 2020 12:37

Tgt Ion:164 Resp: 596376
Ion Ratio Lower Upper
164 100
162 101.8 81.4 122.0
160 43.6 35.5 53.3

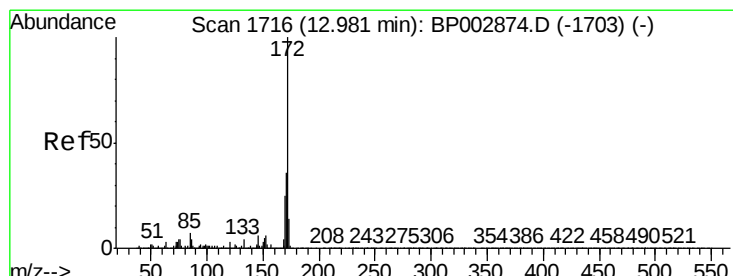
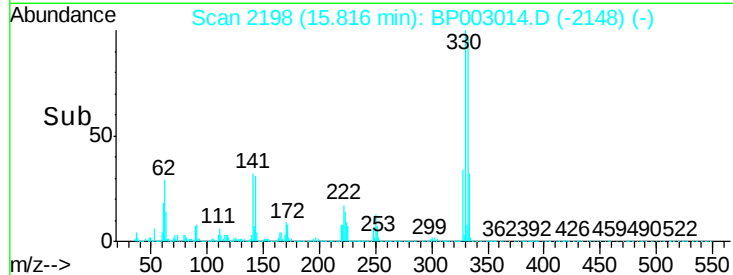
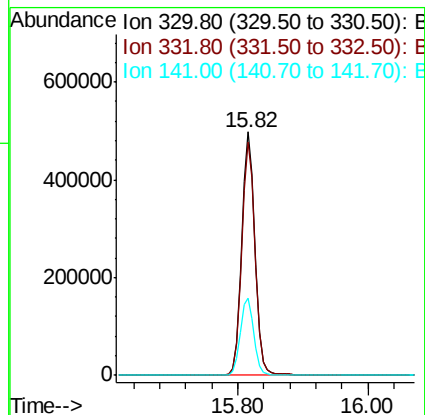
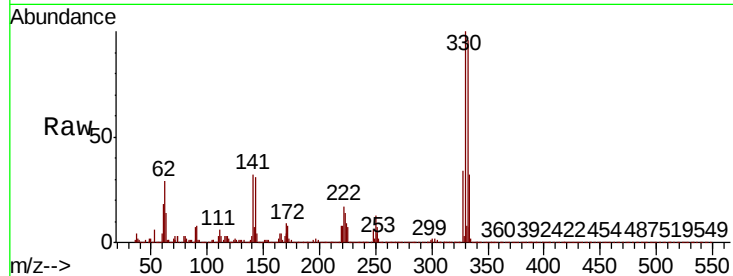




#42
 2,4,6-Tribromophenol
 Concen: 94.361 ng
 RT: 15.82 min Scan# 2198
 Delta R.T. -0.01 min
 Lab File: BP003014.D
 Acq: 18 Aug 2020 12:37

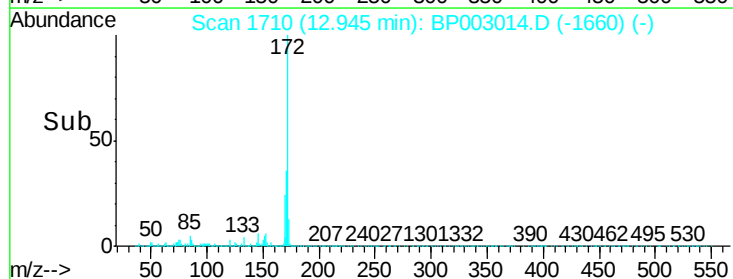
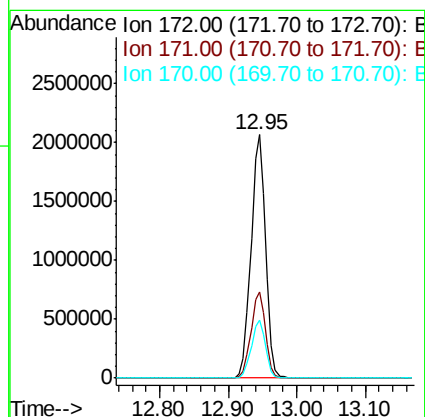
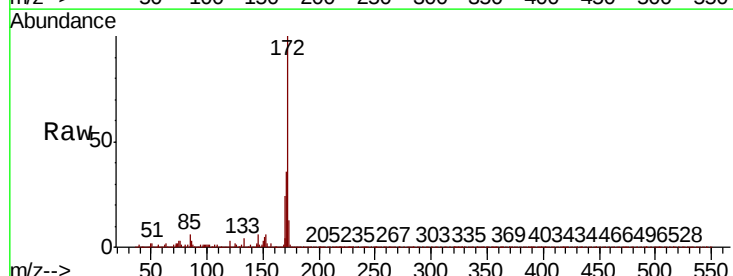
Instrument :
 BNA_P
 ClientSampleId :
 SP1-3

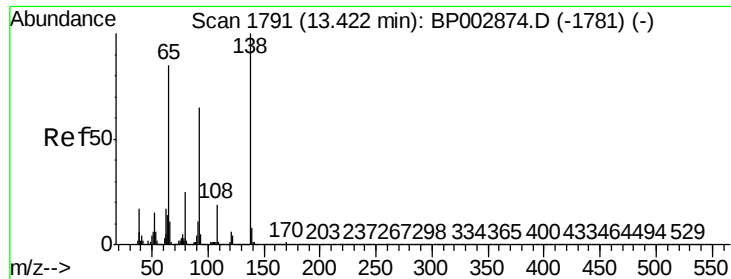
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.0	115.6
141	32.5	26.7	40.1



#45
 2-Fluorobiphenyl
 Concen: 70.373 ng
 RT: 12.95 min Scan# 1710
 Delta R.T. -0.01 min
 Lab File: BP003014.D
 Acq: 18 Aug 2020 12:37

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.0	43.4
170	23.9	19.1	28.7

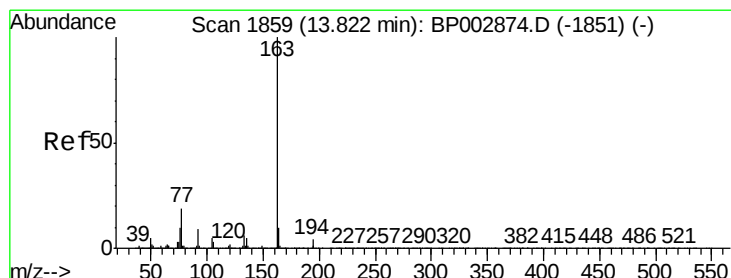
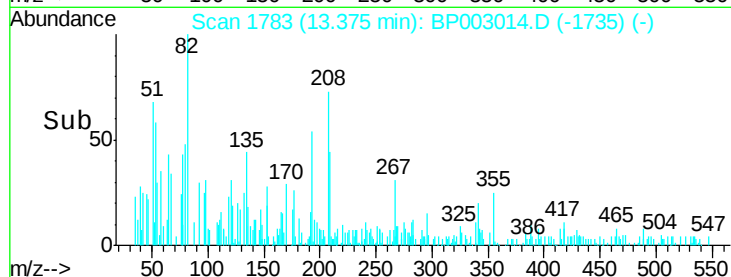
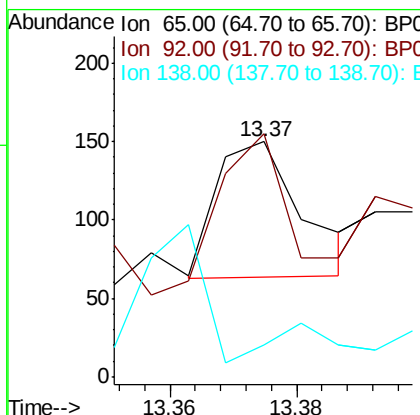
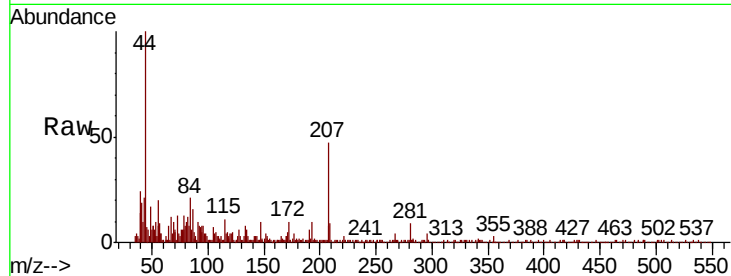




#48
2-Nitroaniline
Concen: 3.979 ng
RT: 13.37 min Scan# 1783
Delta R.T. -0.02 min
Lab File: BP003014.D
Acq: 18 Aug 2020 12:37

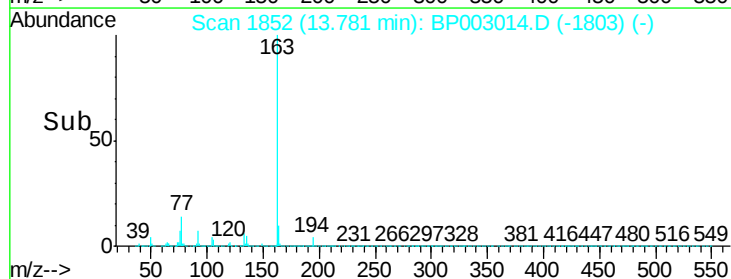
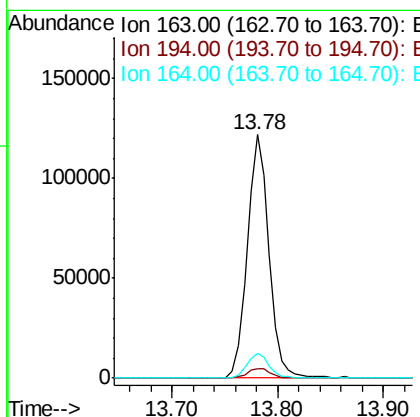
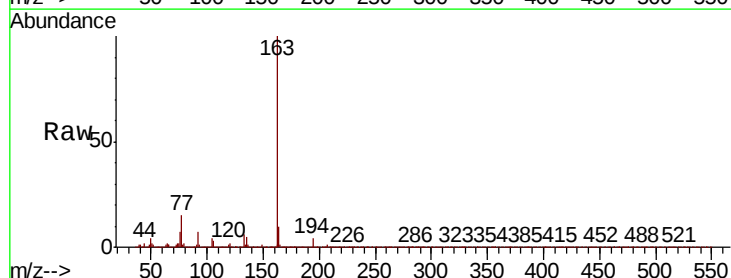
Instrument :
BNA_P
ClientSampleId :
SP1-3

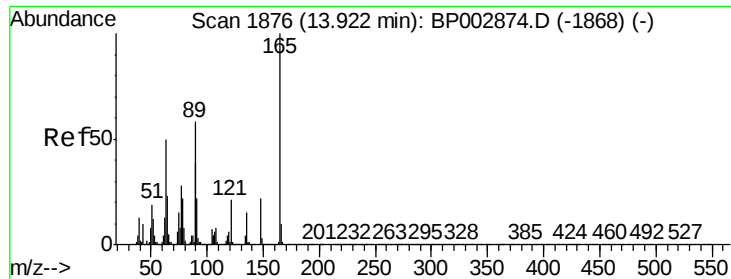
Tot Ion: 65 Resp: 80
Ion Ratio Lower Upper
65 100
92 103.3 70.1 105.1
138 13.3 129.7 194.5#



#50
Dimethylphthalate
Concen: 3.723 ng
RT: 13.78 min Scan# 1852
Delta R.T. -0.01 min
Lab File: BP003014.D
Acq: 18 Aug 2020 12:37

Tgt Ion: 163 Resp: 173635
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 10.3 8.1 12.1

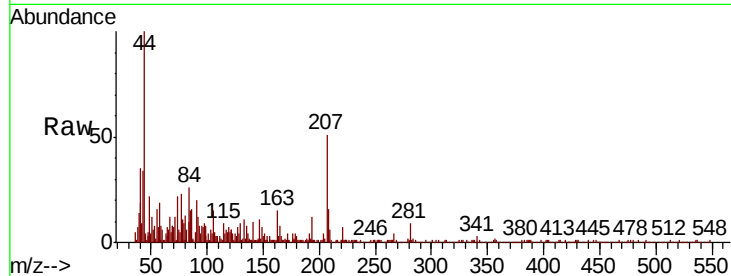




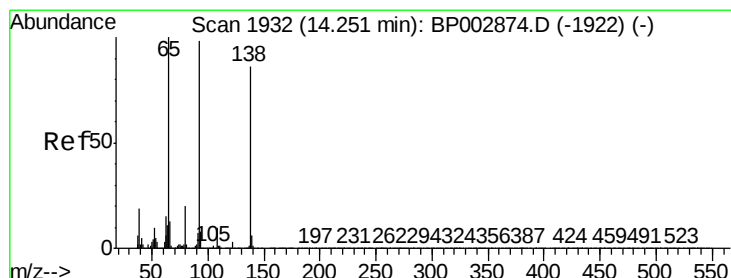
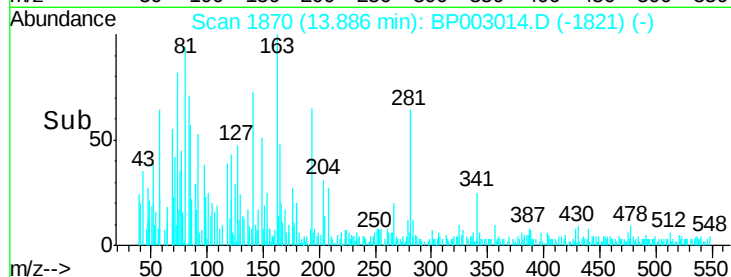
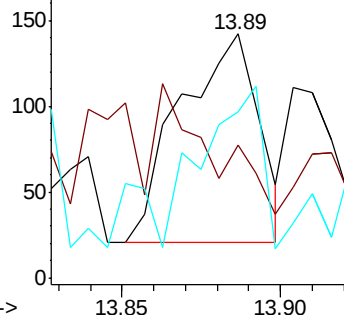
#51
2,6-Dinitrotoluene
Concen: 2.918 ng
RT: 13.89 min Scan# 1870
Delta R.T. -0.01 min
Lab File: BP003014.D
Acq: 18 Aug 2020 12:37

Instrument :
BNA_P
ClientSampleId :
SP1-3

Tot Ion:165 Resp: 209
Ion Ratio Lower Upper
165 100
63 40.3 28.1 42.1
89 50.8 34.5 51.7

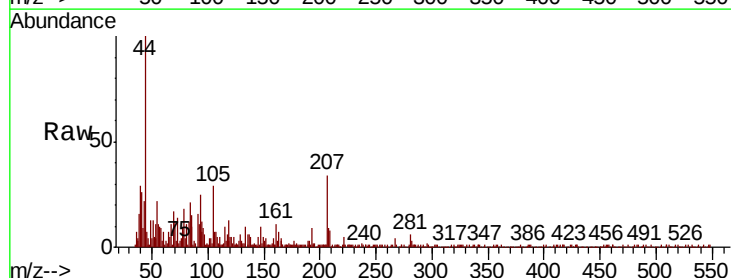


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BP0
Ion 89.00 (88.70 to 89.70): BP0

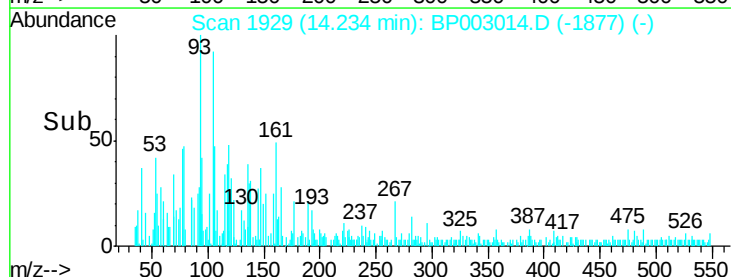
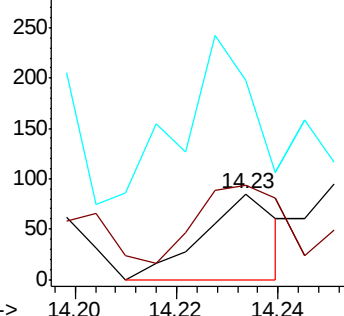


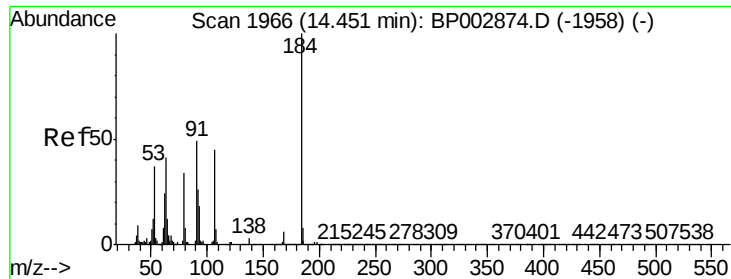
#53
3-Nitroaniline
Concen: 3.281 ng
RT: 14.23 min Scan# 1929
Delta R.T. 0.01 min
Lab File: BP003014.D
Acq: 18 Aug 2020 12:37

Tgt Ion:138 Resp: 86
Ion Ratio Lower Upper
138 100
108 109.4 7.7 11.5#
92 232.9 75.6 113.4#



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

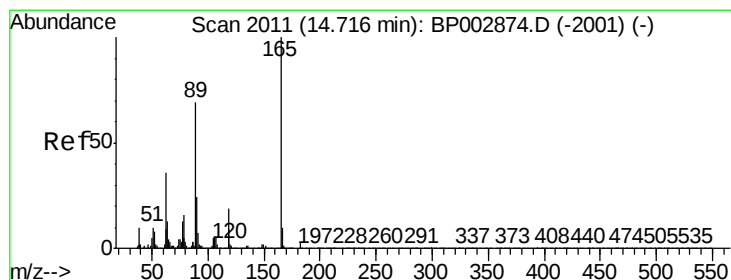
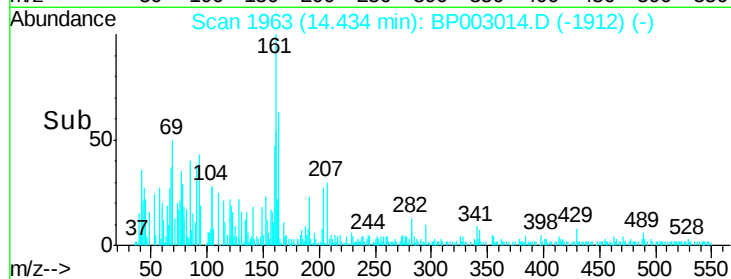
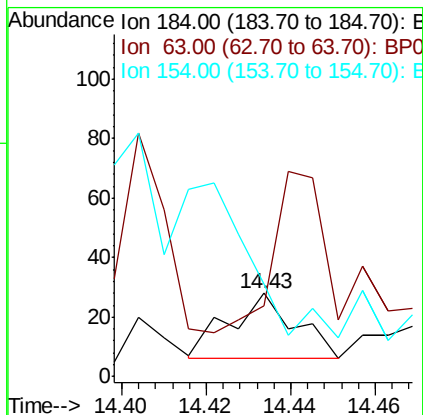
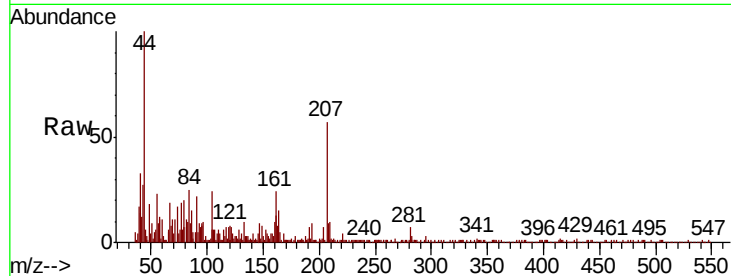




#54
2,4-Dinitrophenol
Concen: 8.062 ng
RT: 14.43 min Scan# 1963
Delta R.T. -0.00 min
Lab File: BP003014.D
Acq: 18 Aug 2020 12:37

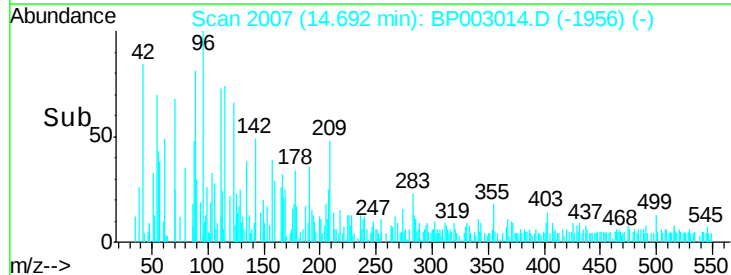
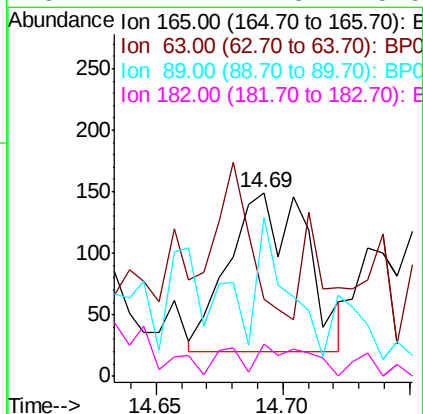
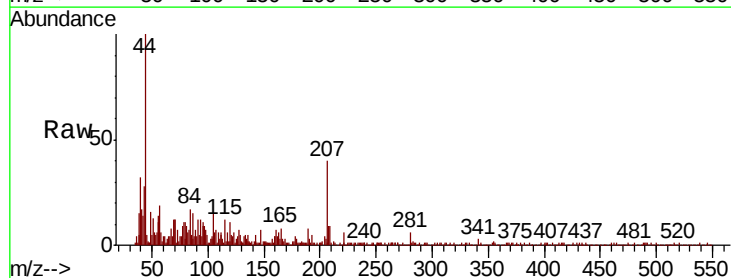
Instrument :
BNA_P
ClientSampled :
SP1-3

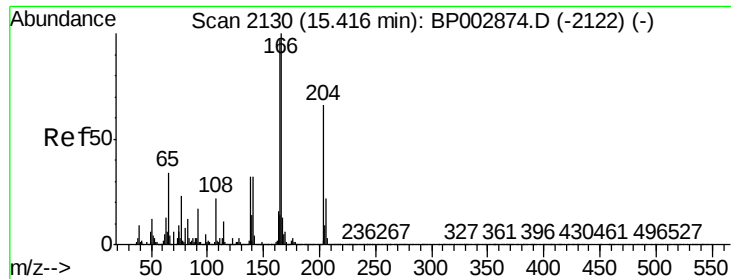
Tot Ion:184 Resp: 24
Ion Ratio Lower Upper
184 100
63 85.7 33.0 49.6#
154 110.7 46.8 70.2#



#57
2,4-Dinitrotoluene
Concen: 3.824 ng
RT: 14.69 min Scan# 2007
Delta R.T. -0.00 min
Lab File: BP003014.D
Acq: 18 Aug 2020 12:37

Tgt Ion:165 Resp: 275
Ion Ratio Lower Upper
165 100
63 42.3 20.6 31.0#
89 86.6 43.4 65.0#
182 17.4 2.3 3.5#

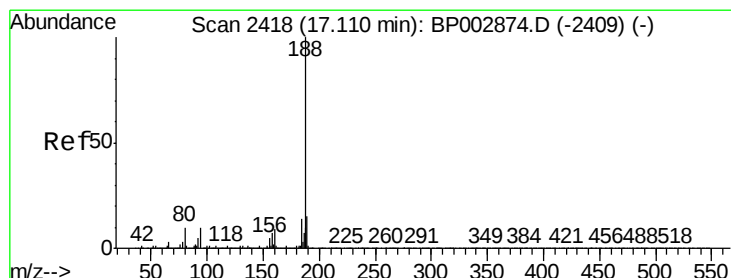
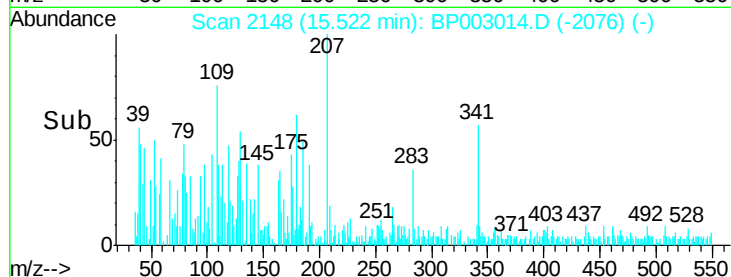
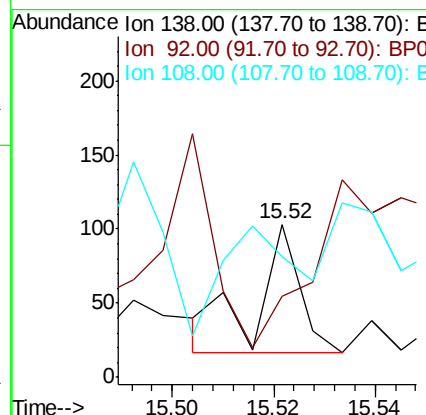
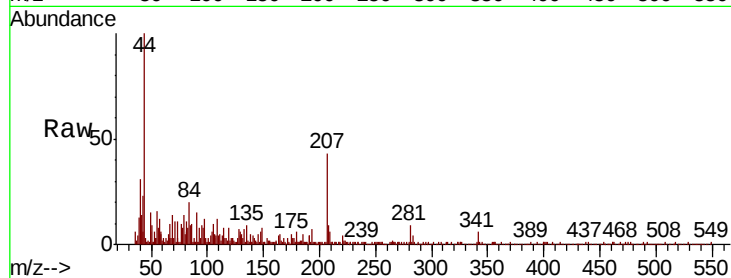




#62
4-Nitroaniline
Concen: 2.420 ng
RT: 15.52 min Scan# 2148
Delta R.T. 0.12 min
Lab File: BP003014.D
Acq: 18 Aug 2020 12:37

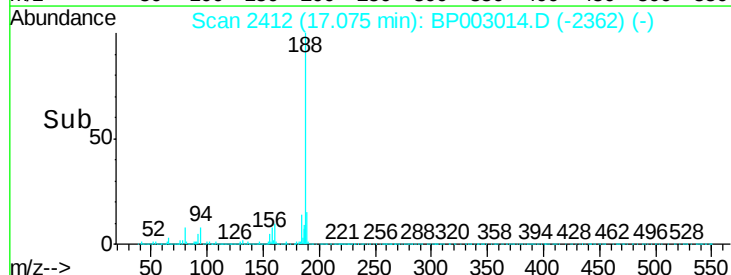
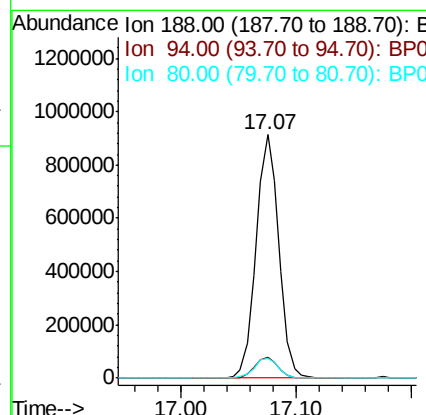
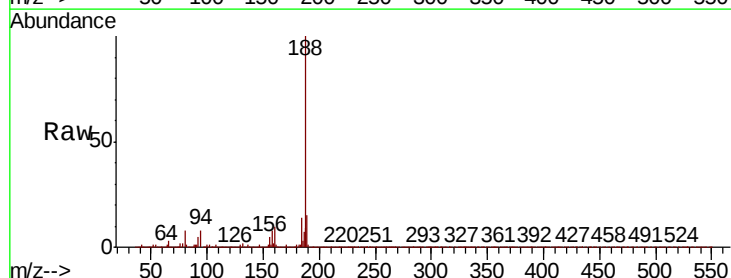
Instrument :
BNA_P
ClientSampled :
SP1-3

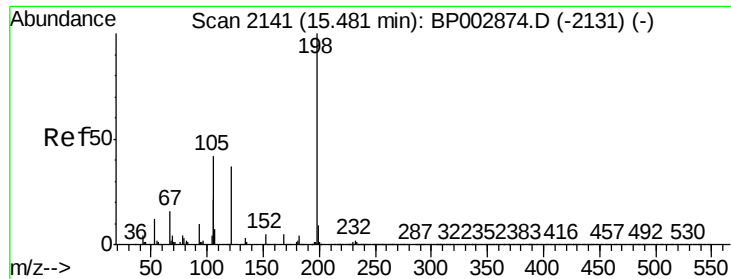
Tot Ion:138 Resp: 50
Ion Ratio Lower Upper
138 100
92 53.4 21.4 61.4
108 78.6 40.8 80.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.07 min Scan# 2412
Delta R.T. -0.01 min
Lab File: BP003014.D
Acq: 18 Aug 2020 12:37

Tgt Ion:188 Resp: 1251389
Ion Ratio Lower Upper
188 100
94 8.5 7.1 10.7
80 8.2 6.7 10.1





#65

4,6-Dinitro-2-methylphenol

Concen: 6.902 ng

RT: 15.45 min Scan# 2135

Delta R.T. -0.01 min

Lab File: BP003014.D

Acq: 18 Aug 2020 12:37

Instrument :

BNA_P

ClientSampled :

SP1-3

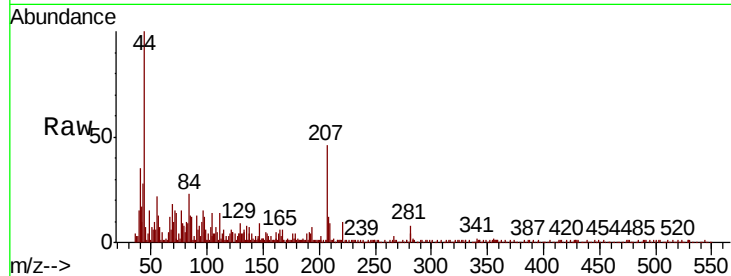
Tot Ion:198 Resp: 14

Ion Ratio Lower Upper

198 100

51 610.0 6.2 46.2#

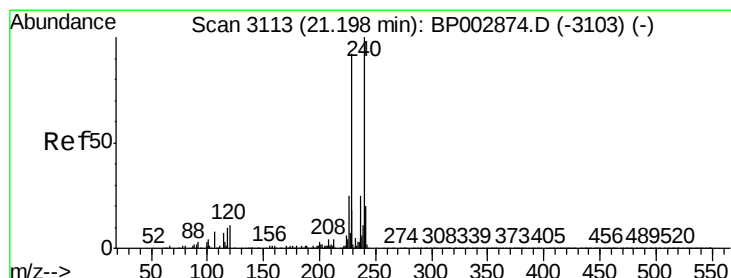
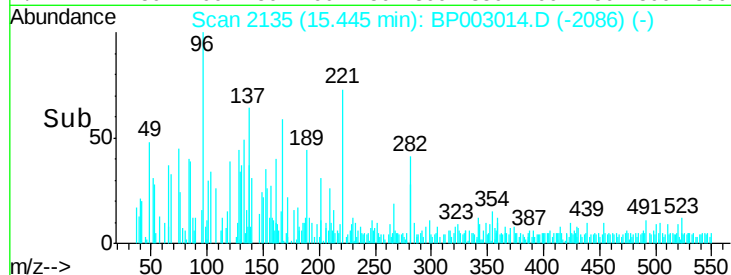
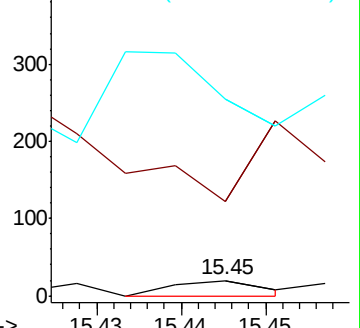
105 1275.0 19.9 59.9#



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# 3108

Delta R.T. -0.01 min

Lab File: BP003014.D

Acq: 18 Aug 2020 12:37

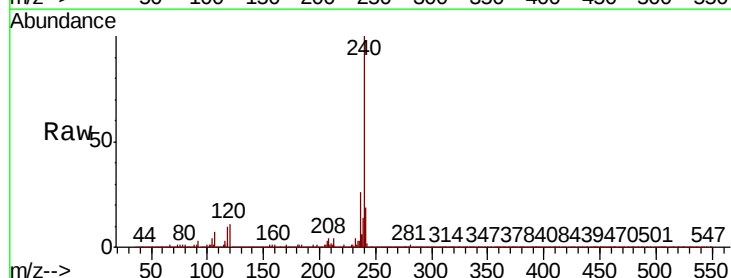
Tgt Ion:240 Resp: 1338502

Ion Ratio Lower Upper

240 100

120 11.3 9.5 14.3

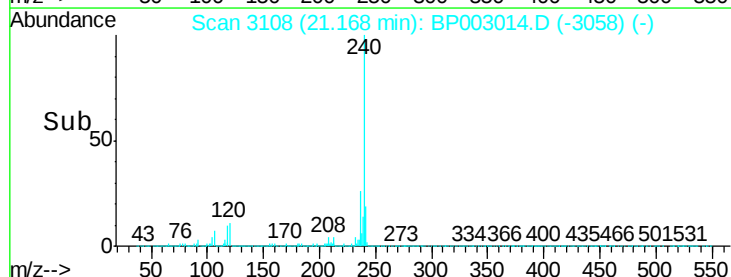
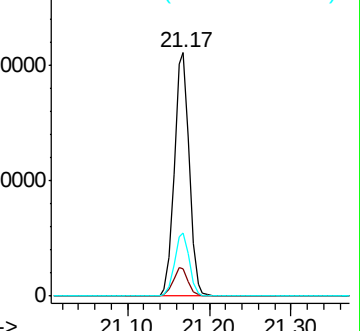
236 26.1 20.8 31.2

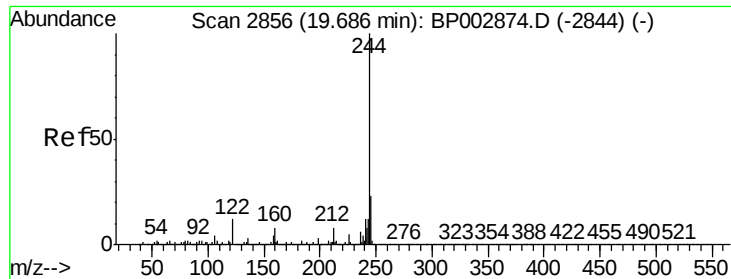


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 56.404 ng

RT: 19.65 min Scan# 2850

Delta R.T. -0.01 min

Lab File: BP003014.D

Acq: 18 Aug 2020 12:37

Instrument :

BNA_P

ClientSampleId :

SP1-3

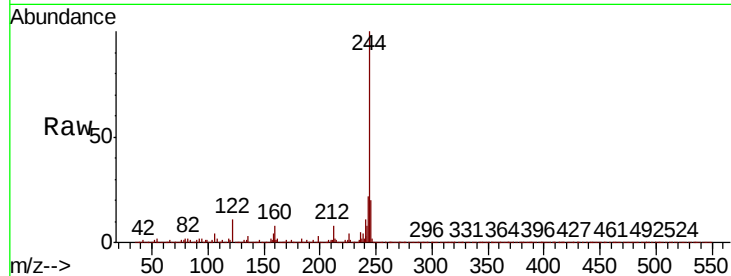
Tot Ion:244 Resp: 3771162

Ion Ratio Lower Upper

244 100

212 7.6 6.3 9.5

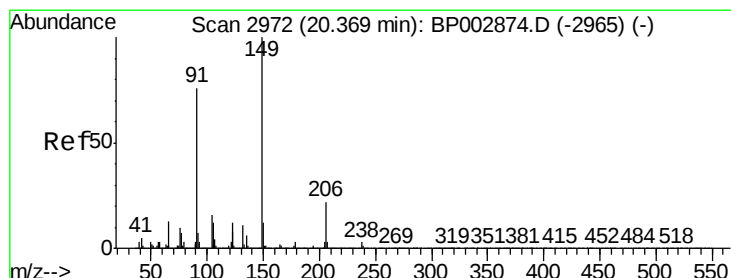
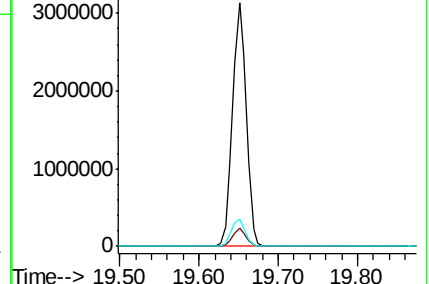
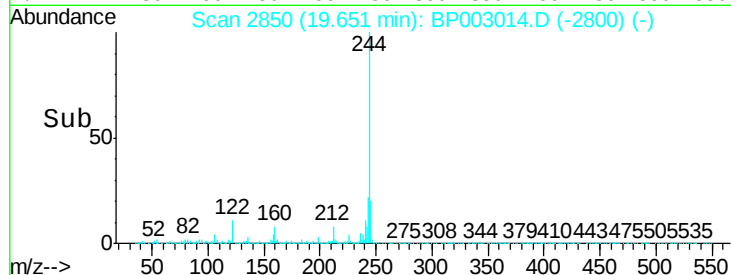
122 11.0 8.7 13.1



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: 3.213 ng

RT: 20.33 min Scan# 2966

Delta R.T. -0.01 min

Lab File: BP003014.D

Acq: 18 Aug 2020 12:37

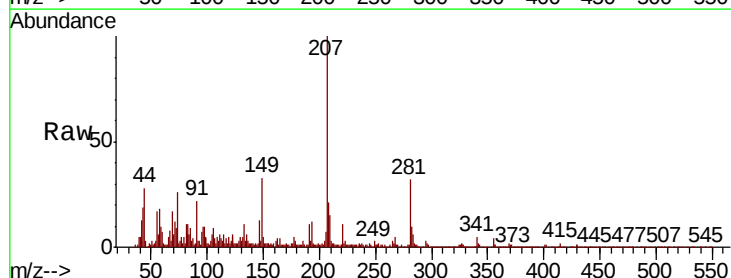
Tgt Ion:149 Resp: 6300

Ion Ratio Lower Upper

149 100

91 67.6 45.3 67.9

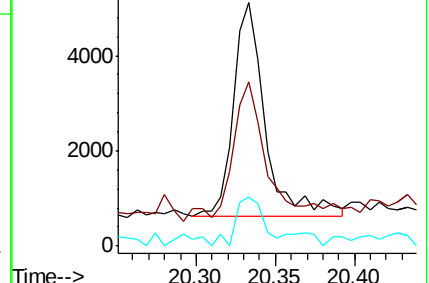
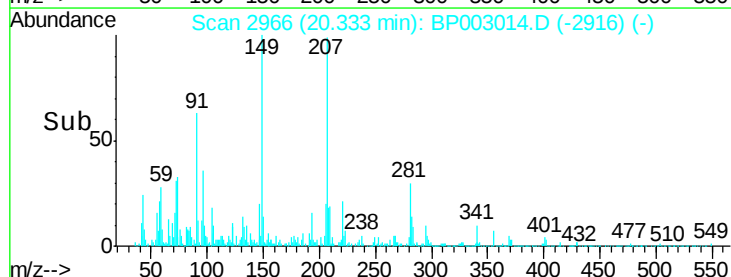
206 20.2 17.5 26.3

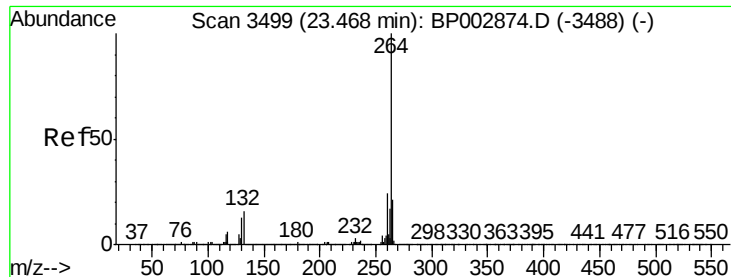


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BP0

Ion 206.00 (205.70 to 206.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.42 min Scan# 3490
Delta R.T. -0.01 min
Lab File: BP003014.D
Acq: 18 Aug 2020 12:37

Instrument :
BNA_P
ClientSampleId :
SP1-3

Tot Ion:264 Resp: 1515467

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.8	17.3	25.9

