

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP081920\
 Data File : BP003054.D
 Acq On : 20 Aug 2020 03:25
 Operator : CG/JU
 Sample : L3682-08
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 20200515-2801-C

Quant Time: Aug 20 04:01:20 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

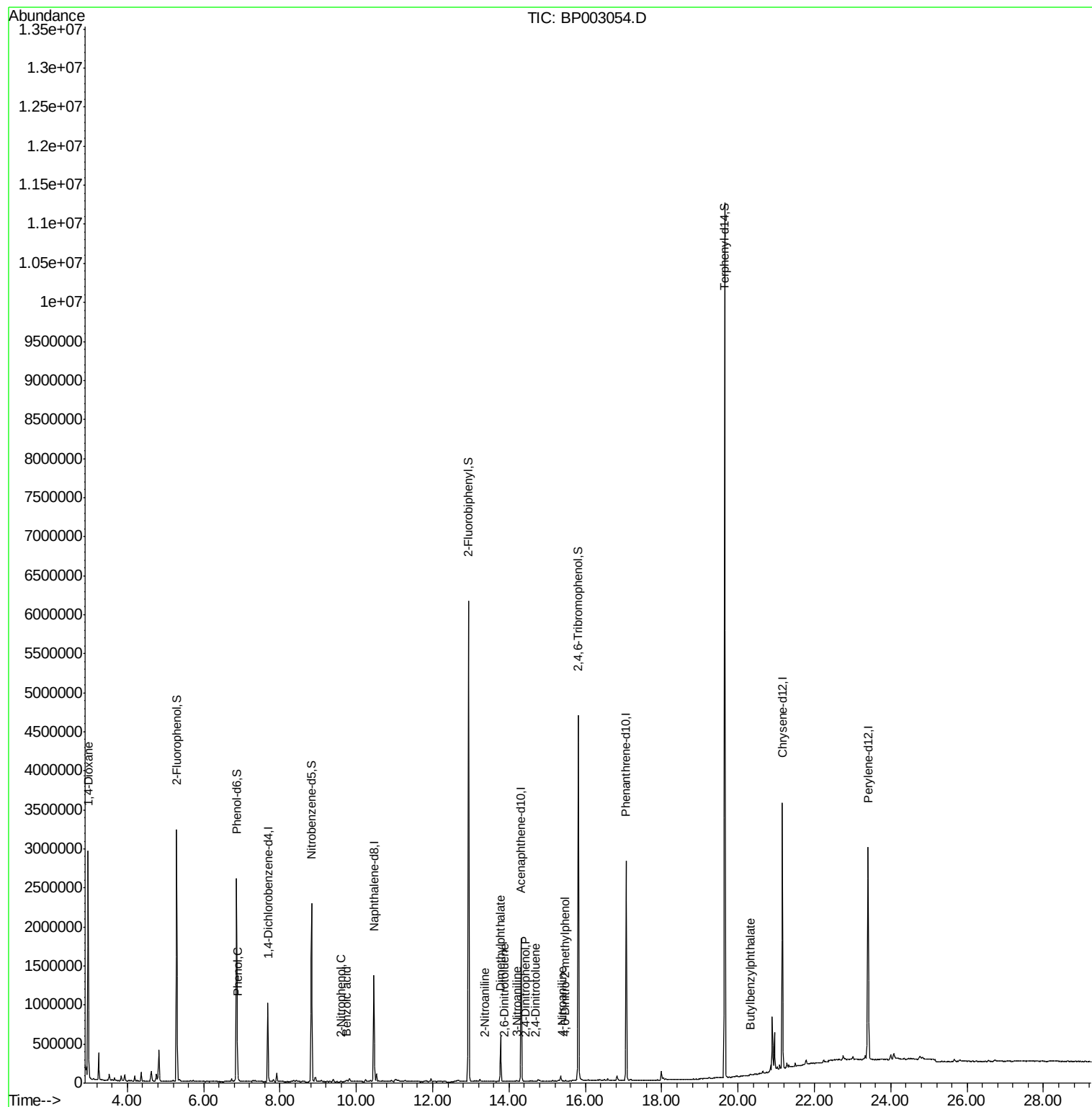
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	303933	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	1253921	20.00	ng	-0.01
39) Acenaphthene-d10	14.32	164	676996	20.00	ng	-0.01
64) Phenanthrene-d10	17.07	188	1670316	20.00	ng	-0.01
76) Chrysene-d12	21.16	240	1593433	20.00	ng	-0.01
86) Perylene-d12	23.40	264	1868887	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	1661960	83.69	ng	0.00
7) Phenol-d6	6.86	99	1771075	64.24	ng	0.00
23) Nitrobenzene-d5	8.83	82	1352474	58.42	ng	0.00
42) 2,4,6-Tribromophenol	15.81	330	1036008	123.12	ng	-0.01
45) 2-Fluorobiphenyl	12.94	172	3332282	67.25	ng	-0.01
79) Terphenyl-d14	19.65	244	5027982	63.17	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	2.97	88	27265	3.198	ng	# 1
10) Phenol	6.89	94	64704	2.330	ng	# 91
26) 2-Nitrophenol	9.59	139	239	4.541	ng	# 1
32) Benzoic acid	9.75	122	14056	8.699	ng	# 99
48) 2-Nitroaniline	13.37	65	103	3.980	ng	# 29
50) Dimethylphthalate	13.77	163	406915	7.685	ng	# 99
51) 2,6-Dinitrotoluene	13.87	165	431	2.933	ng	# 77
53) 3-Nitroaniline	14.21	138	236	3.291	ng	# 44
54) 2,4-Dinitrophenol	14.42	184	26	8.062	ng	# 1
57) 2,4-Dinitrotoluene	14.70	165	212	3.818	ng	# 1
62) 4-Nitroaniline	15.39	138	56	2.420	ng	# 1
65) 4,6-Dinitro-2-methylphenol	15.46	198	50	6.905	ng	# 1
80) Butylbenzylphthalate	20.32	149	1403	3.087	ng	# 84

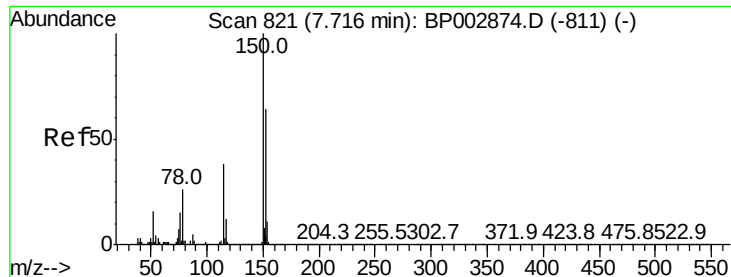
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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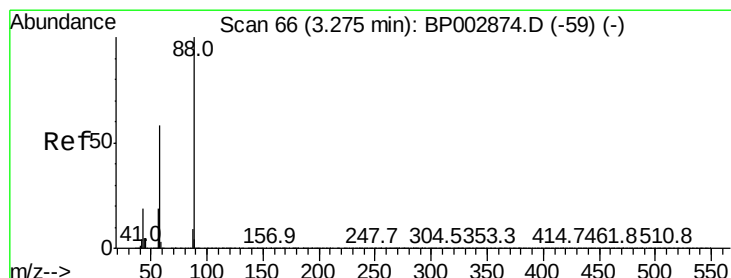
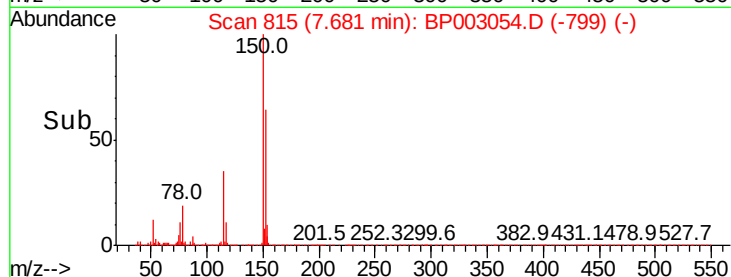
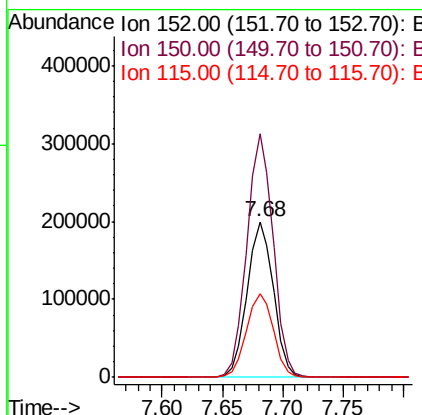
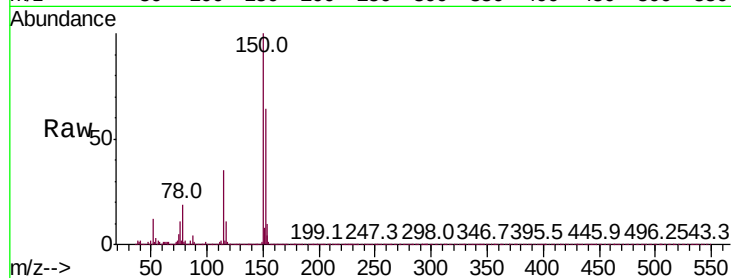


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.68 min Scan# 815
Delta R.T. -0.01 min
Lab File: BP003054.D
Acq: 20 Aug 2020 03:25

Instrument :
BNA_P
ClientSampleId :
20200515-2801-C

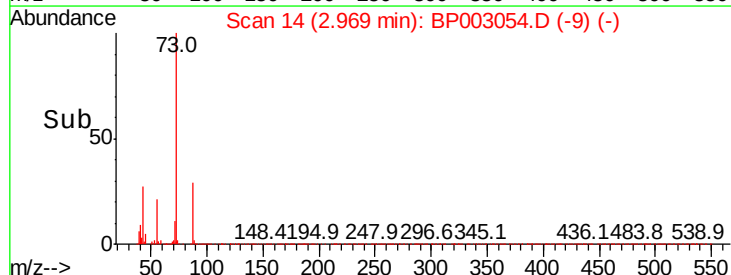
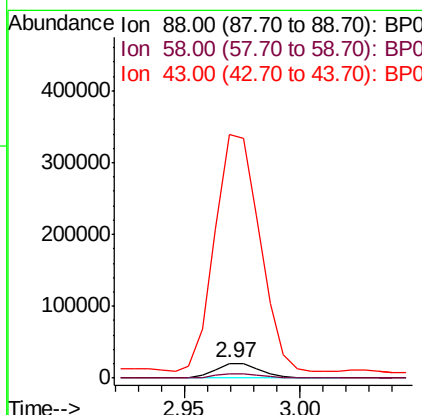
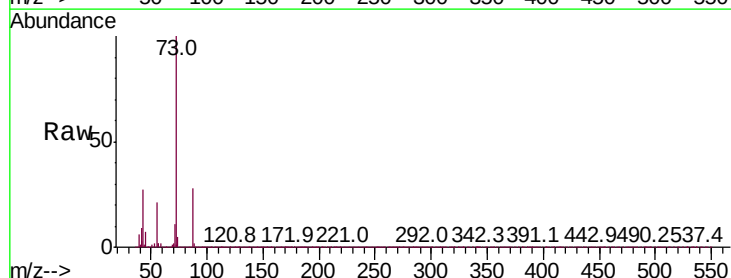
Tot Ion	Ratio	Lower	Upper
152	100		
150	156.5	126.1	189.1
115	54.1	43.4	65.2

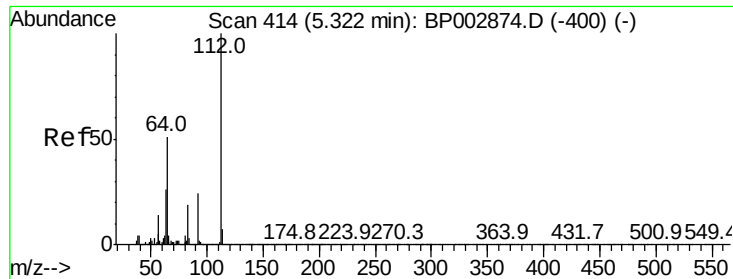


#2

1,4-Dioxane
Concen: 3.198 ng
RT: 2.97 min Scan# 14
Delta R.T. -0.27 min
Lab File: BP003054.D
Acq: 20 Aug 2020 03:25

Tgt Ion	Ratio	Lower	Upper
88	100		
58	23.5	44.5	66.7#
43	1626.1	14.5	21.7#





#5

2-Fluorophenol

Concen: 83.690 ng

RT: 5.29 min Scan# 409

Delta R.T. -0.00 min

Lab File: BP003054.D

Acq: 20 Aug 2020 03:25

Instrument :

BNA_P

ClientSampleId :

20200515-2801-C

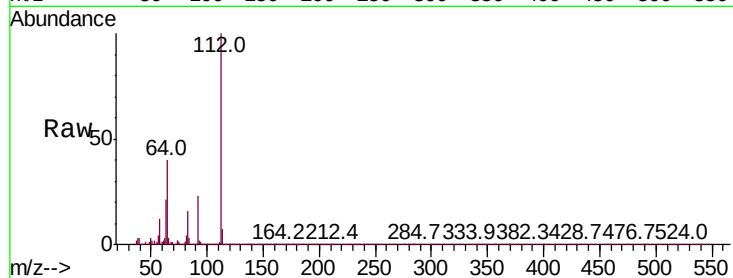
Tot Ion:112 Resp: 1661960

Ion Ratio Lower Upper

112 100

64 39.9 33.4 50.2

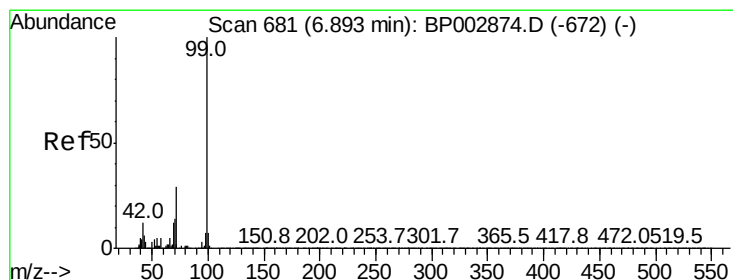
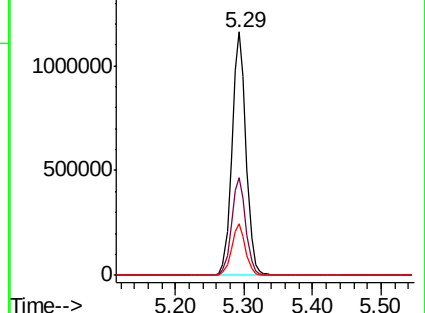
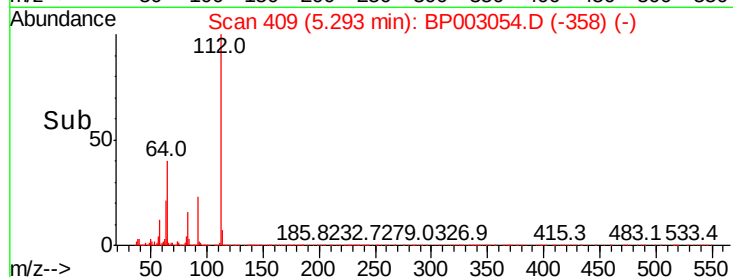
63 21.0 17.4 26.0



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: 64.237 ng

RT: 6.86 min Scan# 676

Delta R.T. -0.01 min

Lab File: BP003054.D

Acq: 20 Aug 2020 03:25

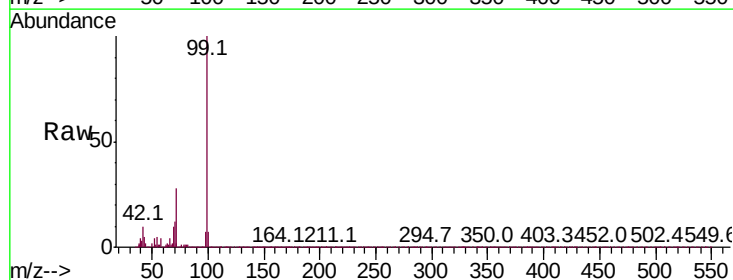
Tgt Ion: 99 Resp: 1771075

Ion Ratio Lower Upper

99 100

42 10.1 8.0 12.0

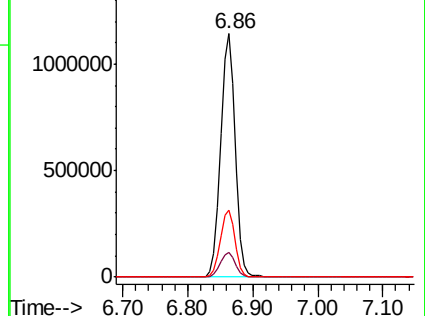
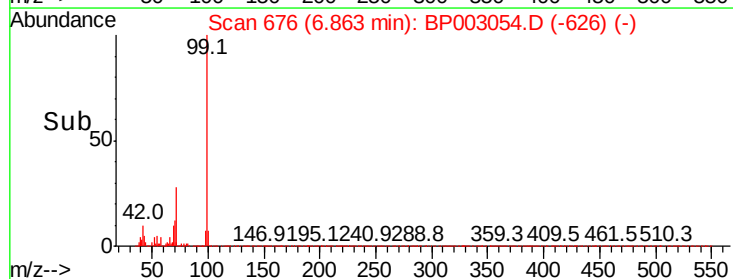
71 27.7 21.3 31.9

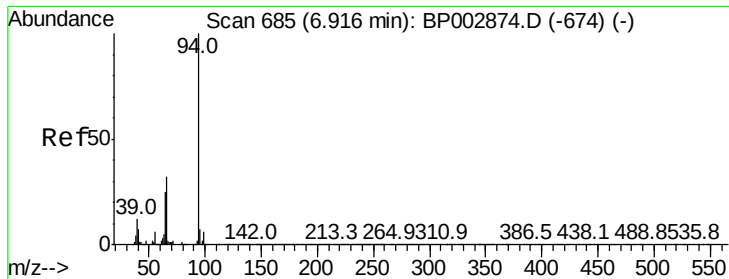


Abundance Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0

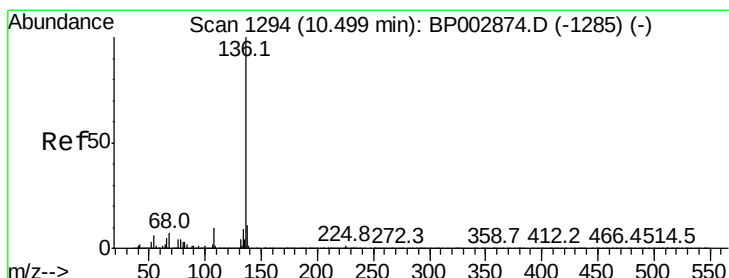
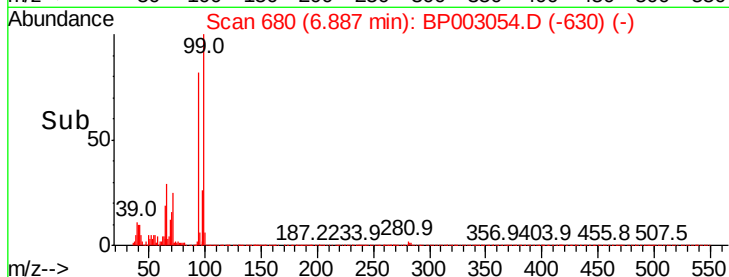
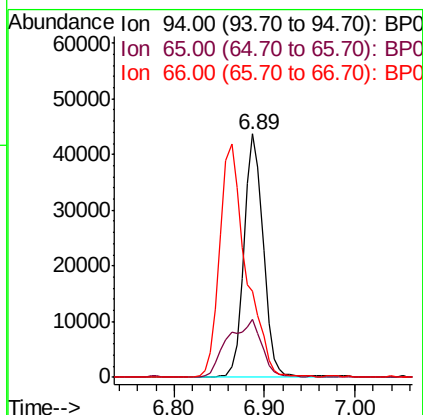
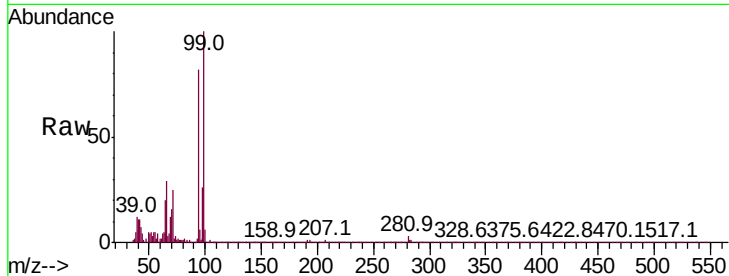




#10
Phenol
Concen: 2.330 ng
RT: 6.89 min Scan# 680
Delta R.T. -0.01 min
Lab File: BP003054.D
Acq: 20 Aug 2020 03:25

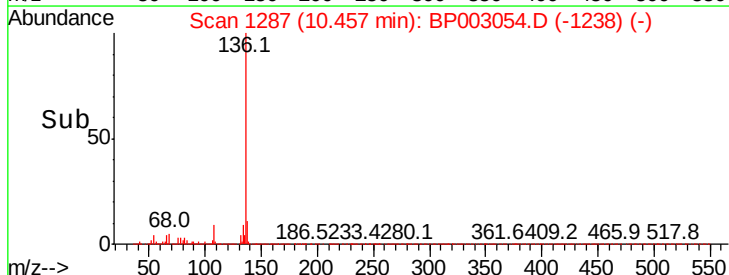
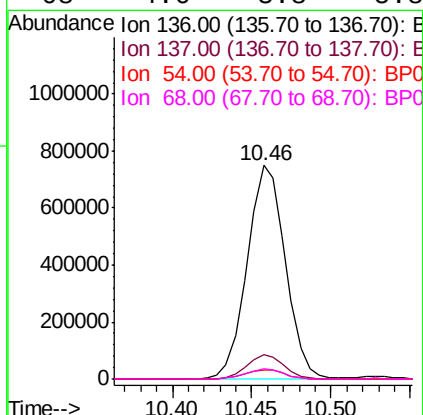
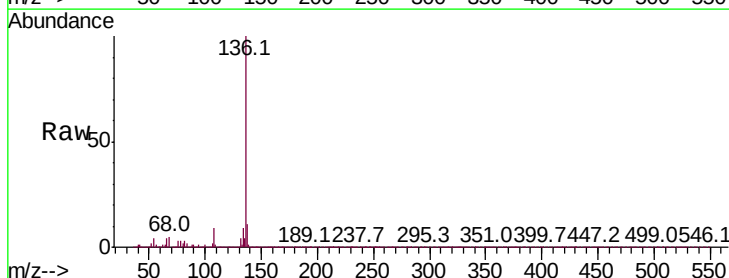
Instrument :
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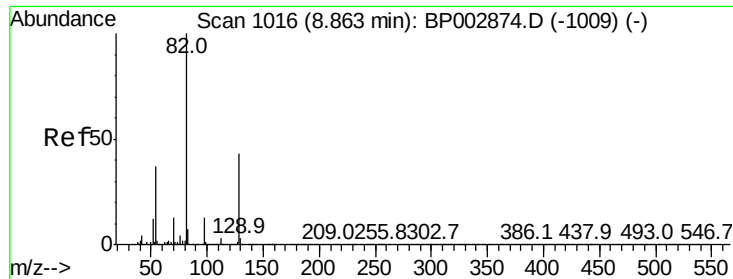
Tot Ion: 94 Resp: 64704
Ion Ratio Lower Upper
94 100
65 23.9 1.7 41.7
66 35.6 8.6 48.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.46 min Scan# 1287
Delta R.T. -0.01 min
Lab File: BP003054.D
Acq: 20 Aug 2020 03:25

Tgt Ion: 136 Resp: 1253921
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 4.3 3.8 5.8
68 4.6 3.8 5.8





#23

Nitrobenzene-d5

Concen: 58.419 ng

RT: 8.83 min Scan# 1010

Delta R.T. -0.01 min

Lab File: BP003054.D

Acq: 20 Aug 2020 03:25

Instrument :

BNA_P

ClientSampleId :

20200515-2801-C

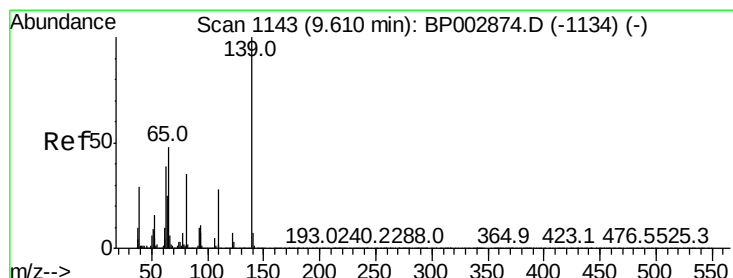
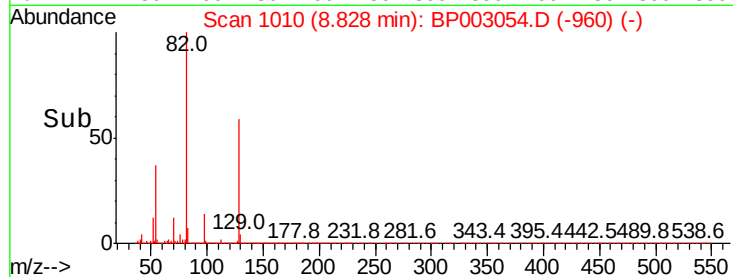
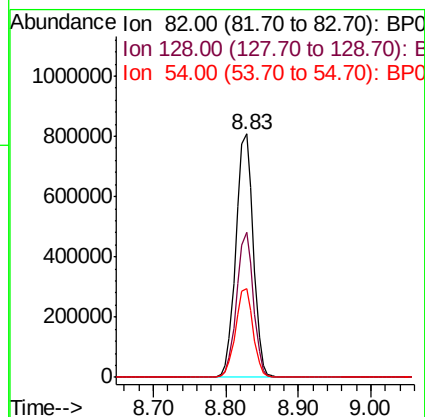
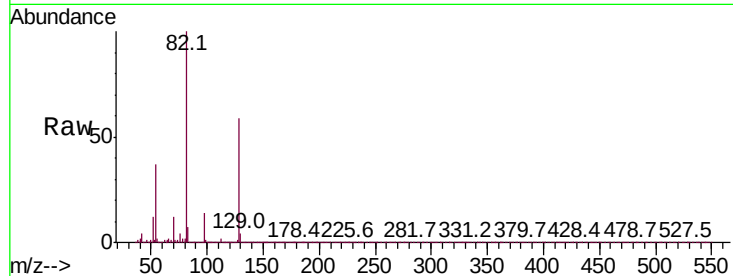
Tot Ion: 82 Resp: 1352474

Ion Ratio Lower Upper

82 100

128 59.3 45.1 67.7

54 36.6 28.8 43.2



#26

2-Nitrophenol

Concen: 4.541 ng

RT: 9.59 min Scan# 1140

Delta R.T. 0.01 min

Lab File: BP003054.D

Acq: 20 Aug 2020 03:25

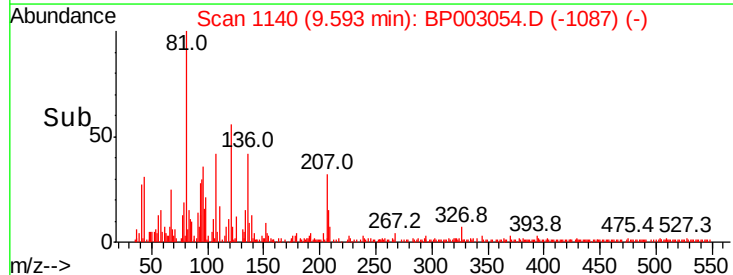
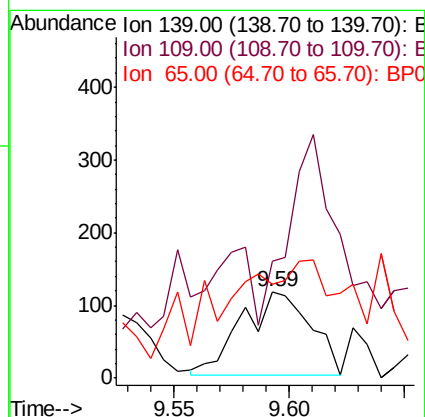
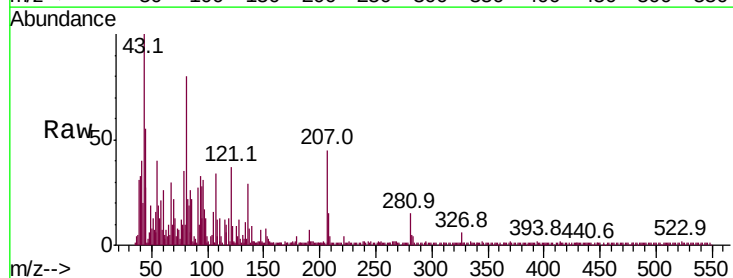
Tgt Ion: 139 Resp: 239

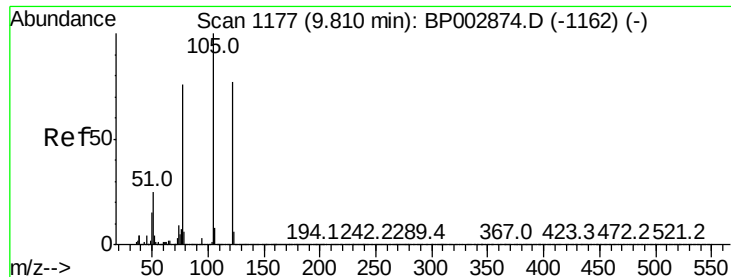
Ion Ratio Lower Upper

139 100

109 134.5 21.0 31.6#

65 161.3 27.2 40.8#

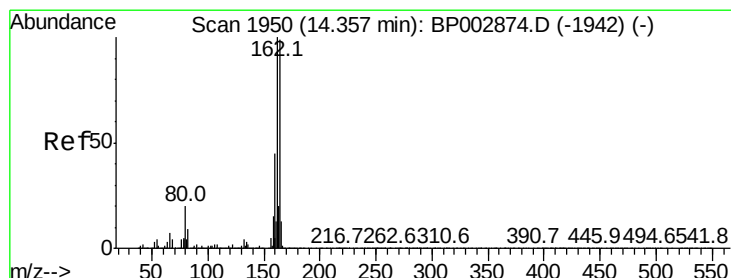
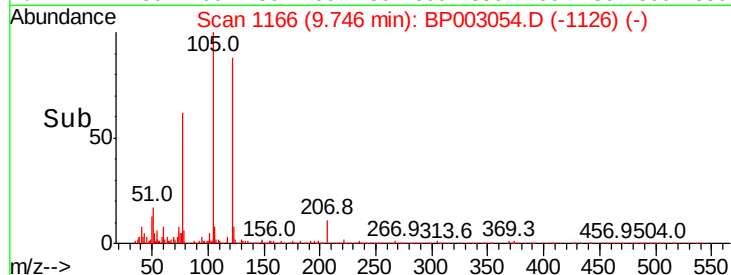
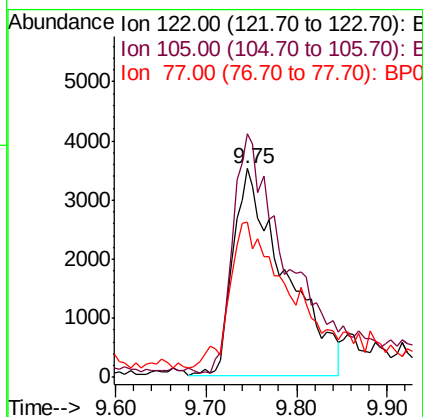
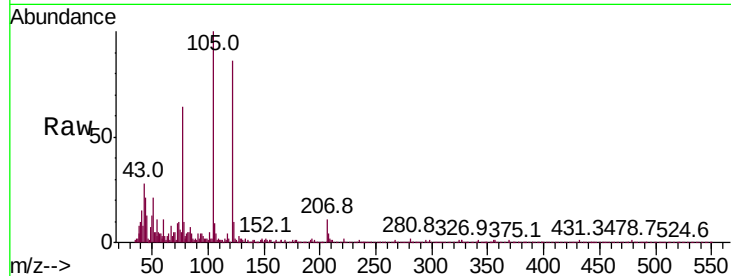




#32
Benzoic acid
Concen: 8.699 ng
RT: 9.75 min Scan# 1166
Delta R.T. -0.06 min
Lab File: BP003054.D
Acq: 20 Aug 2020 03:25

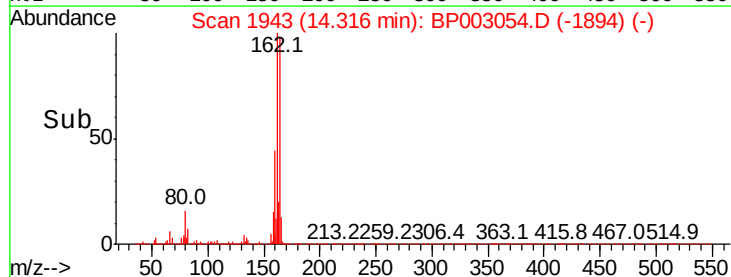
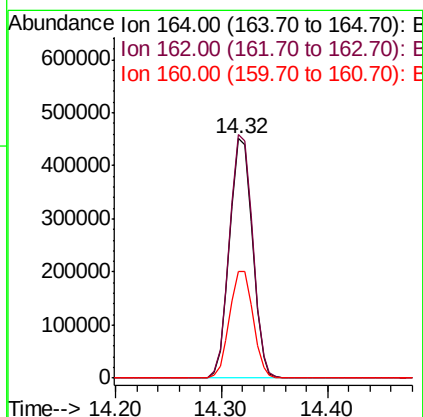
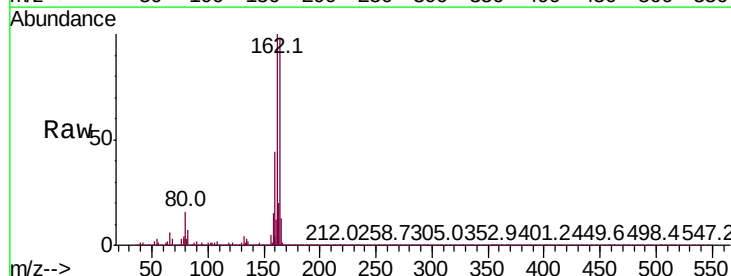
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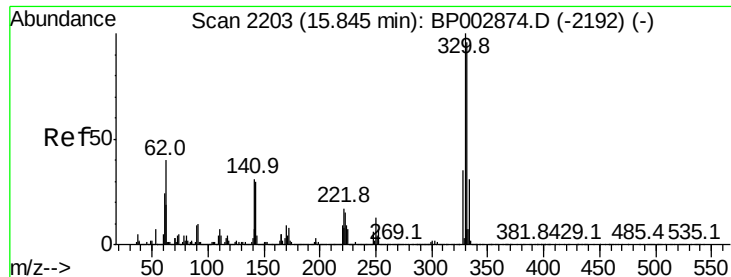
Tot Ion:122 Resp: 14056
Ion Ratio Lower Upper
122 100
105 116.7 96.2 136.2
77 74.5 55.6 95.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.32 min Scan# 1943
Delta R.T. -0.01 min
Lab File: BP003054.D
Acq: 20 Aug 2020 03:25

Tgt Ion:164 Resp: 676996
Ion Ratio Lower Upper
164 100
162 101.8 81.4 122.0
160 44.4 35.5 53.3



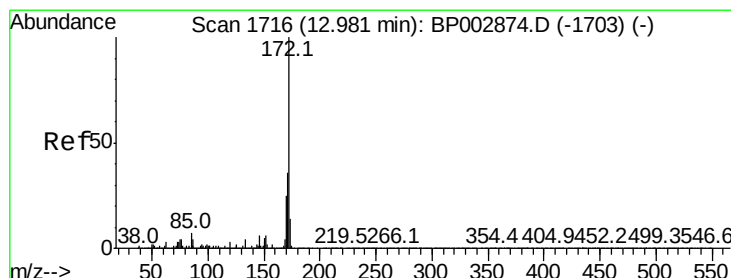
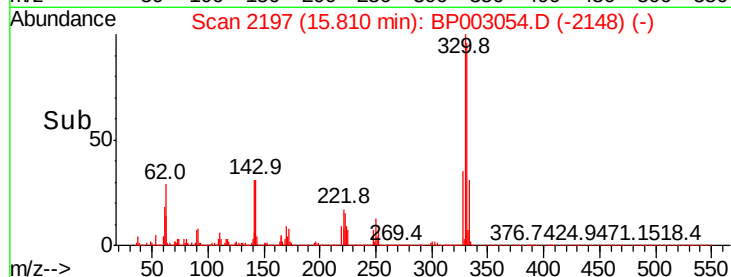
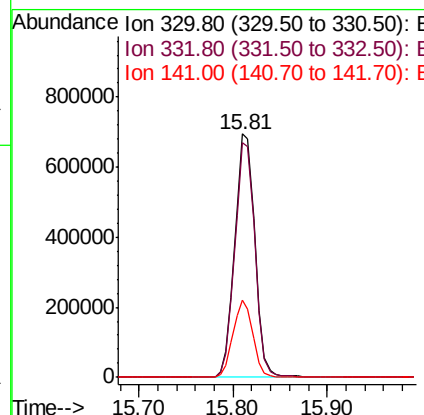
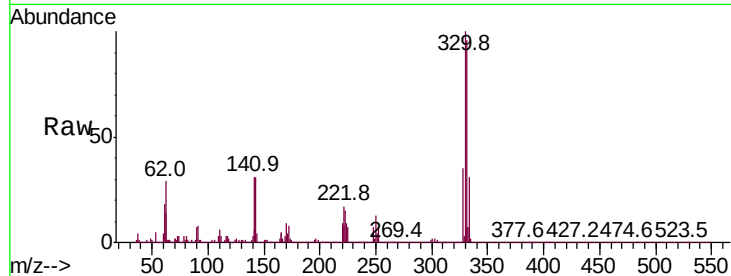


#42
 2,4,6-Tribromophenol
 Concen: 123.125 ng
 RT: 15.81 min Scan# 2197
 Delta R.T. -0.01 min
 Lab File: BP003054.D
 Acq: 20 Aug 2020 03:25

Instrument :
 BNA_P
 ClientSampleId :
 20200515-2801-C

Tot Ion:330 Resp: 1036008

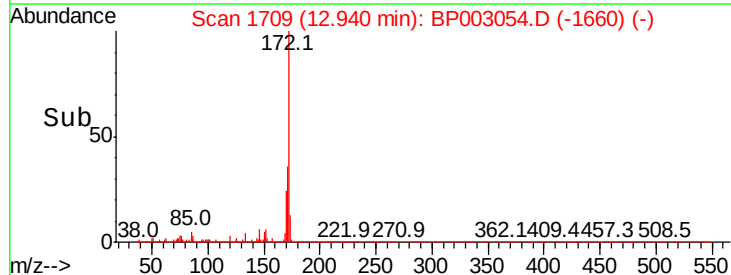
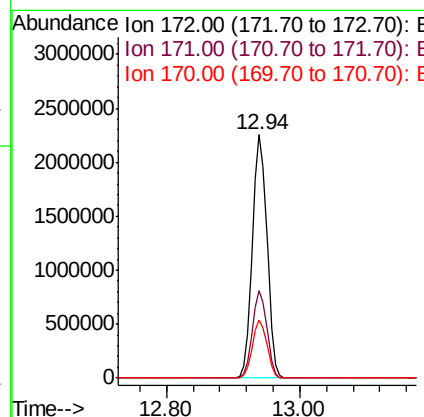
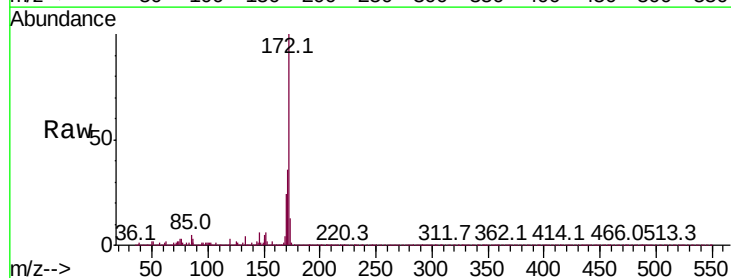
Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.0	115.6
141	31.1	26.7	40.1

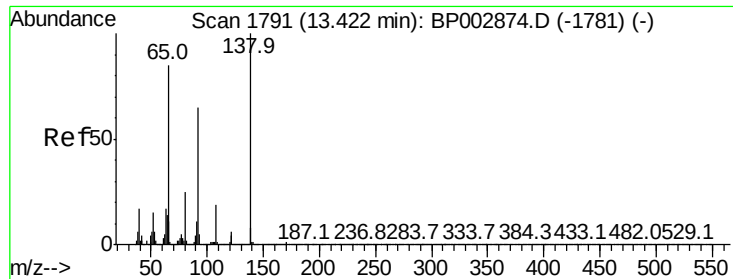


#45
 2-Fluorobiphenyl
 Concen: 67.251 ng
 RT: 12.94 min Scan# 1709
 Delta R.T. -0.01 min
 Lab File: BP003054.D
 Acq: 20 Aug 2020 03:25

Tgt Ion:172 Resp: 3332282

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.0	43.4
170	23.7	19.1	28.7

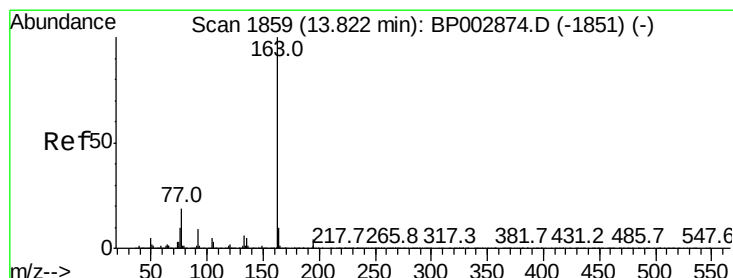
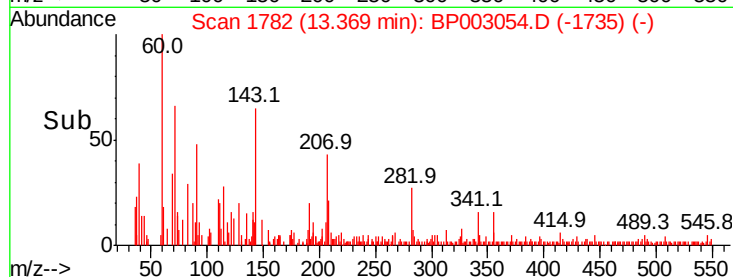
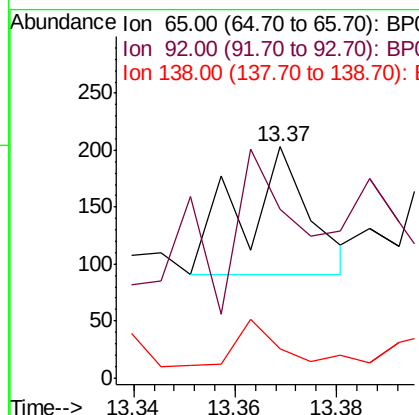
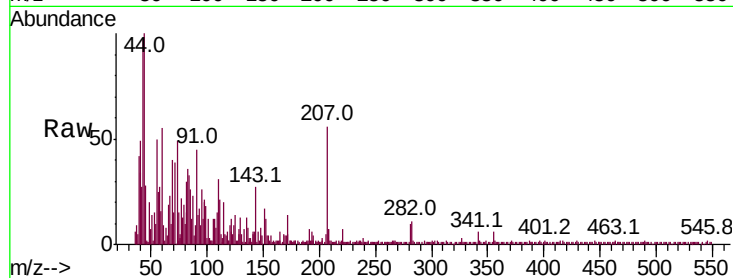




#48
2-Nitroaniline
Concen: 3.980 ng
RT: 13.37 min Scan# 1782
Delta R.T. -0.02 min
Lab File: BP003054.D
Acq: 20 Aug 2020 03:25

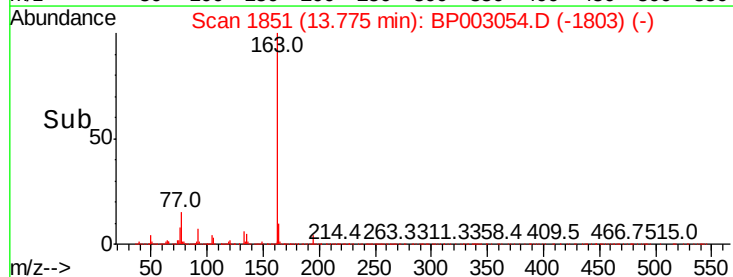
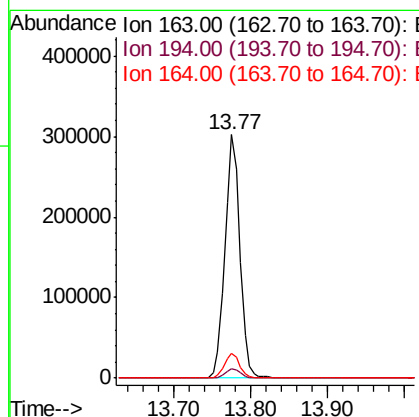
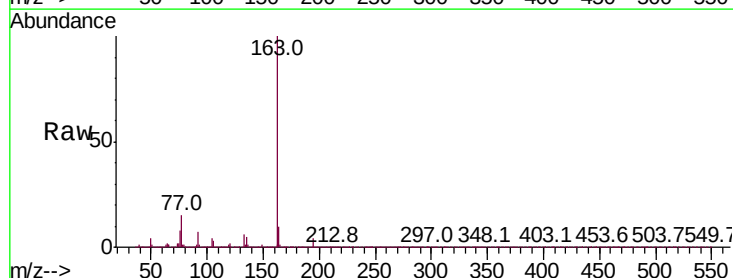
Instrument :
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20200515-2801-C

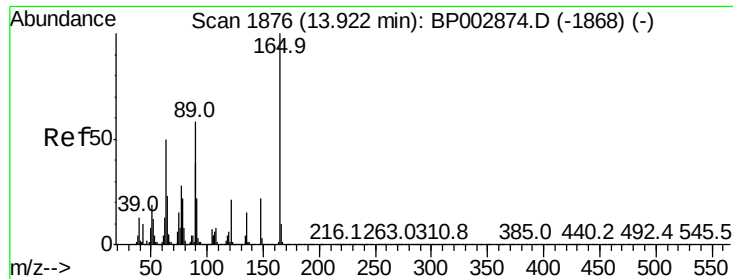
Tot Ion: 65 Resp: 103
Ion Ratio Lower Upper
65 100
92 72.9 70.1 105.1
138 27.6 129.7 194.5#



#50
Dimethylphthalate
Concen: 7.685 ng
RT: 13.77 min Scan# 1851
Delta R.T. -0.02 min
Lab File: BP003054.D
Acq: 20 Aug 2020 03:25

Tgt Ion: 163 Resp: 406915
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 10.4 8.1 12.1

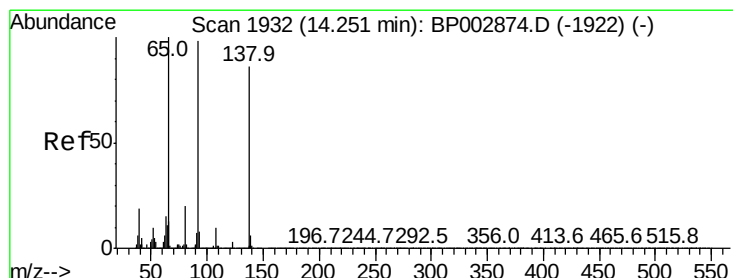
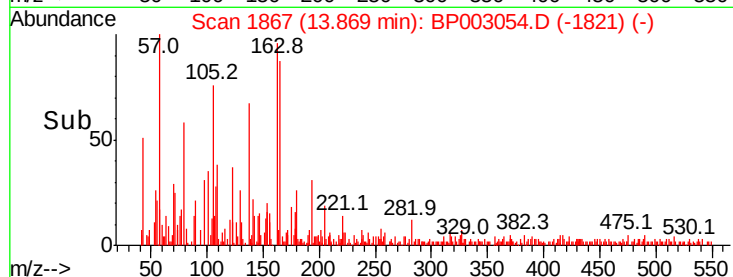
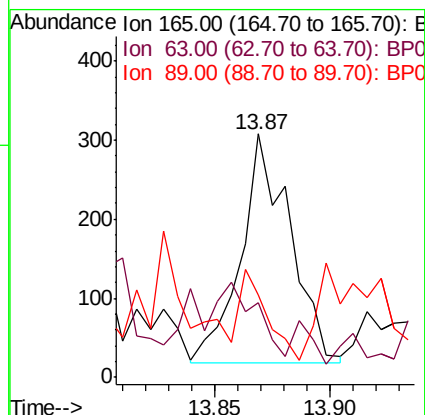
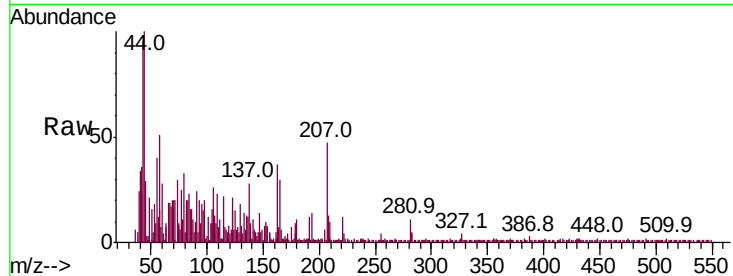




#51
2,6-Dinitrotoluene
Concen: 2.933 ng
RT: 13.87 min Scan# 1867
Delta R.T. -0.03 min
Lab File: BP003054.D
Acq: 20 Aug 2020 03:25

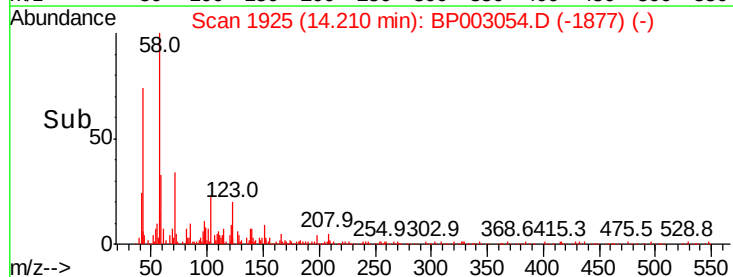
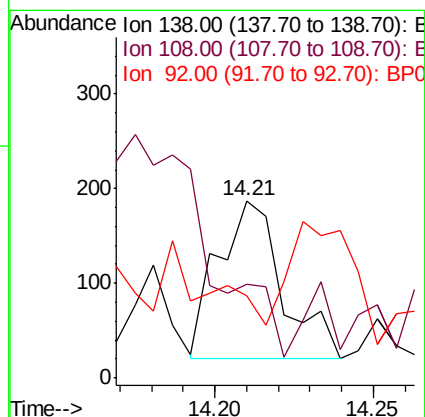
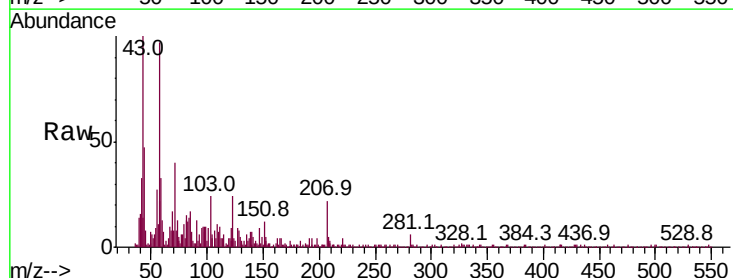
Instrument :
BNA_P
ClientSampleId :
20200515-2801-C

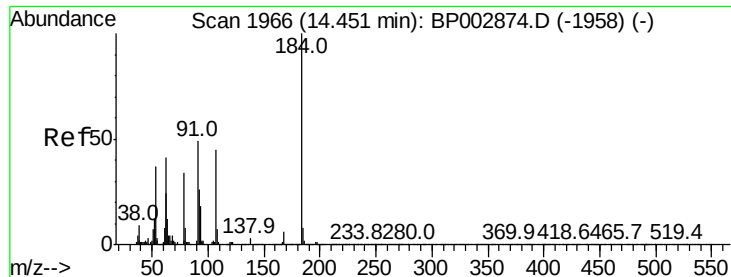
Tot Ion:165 Resp: 431
Ion Ratio Lower Upper
165 100
63 55.2 28.1 42.1#
89 34.1 34.5 51.7#



#53
3-Nitroaniline
Concen: 3.291 ng
RT: 14.21 min Scan# 1925
Delta R.T. -0.02 min
Lab File: BP003054.D
Acq: 20 Aug 2020 03:25

Tgt Ion:138 Resp: 236
Ion Ratio Lower Upper
138 100
108 52.9 7.7 11.5#
92 46.5 75.6 113.4#

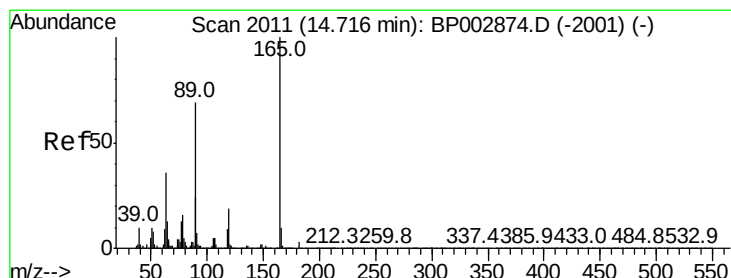
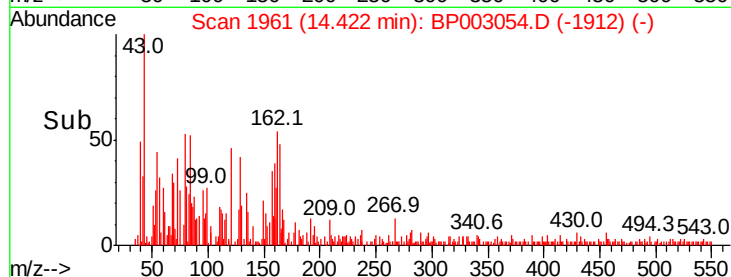
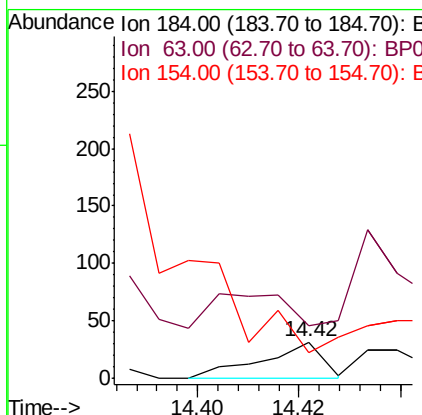
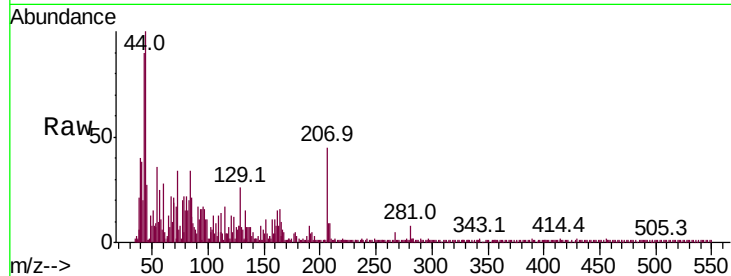




#54
 2,4-Dinitrophenol
 Concen: 8.062 ng
 RT: 14.42 min Scan# 1961
 Delta R.T. -0.01 min
 Lab File: BP003054.D
 Acq: 20 Aug 2020 03:25

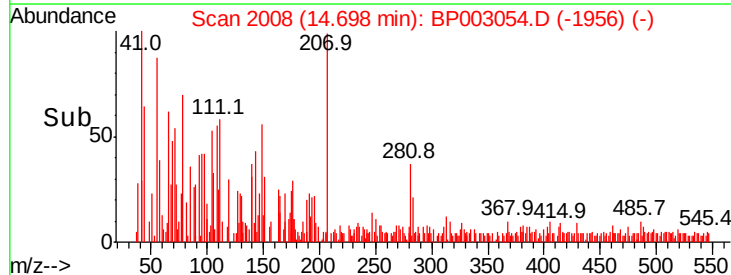
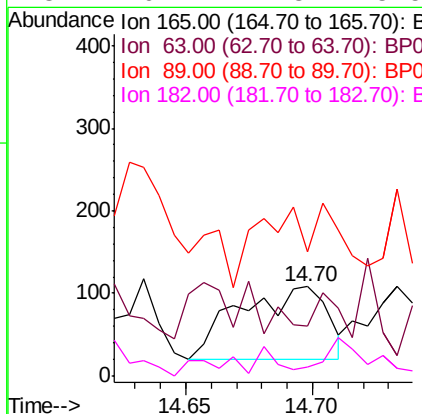
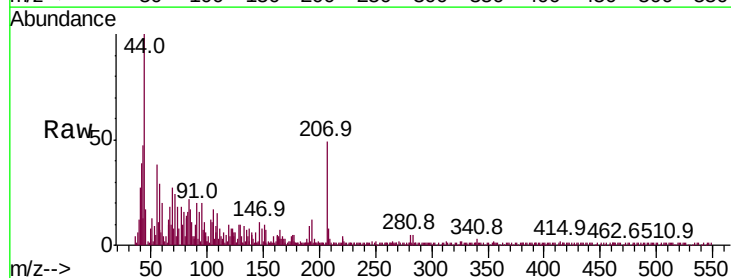
Instrument :
 BNA_P
 ClientSampleId :
 20200515-2801-C

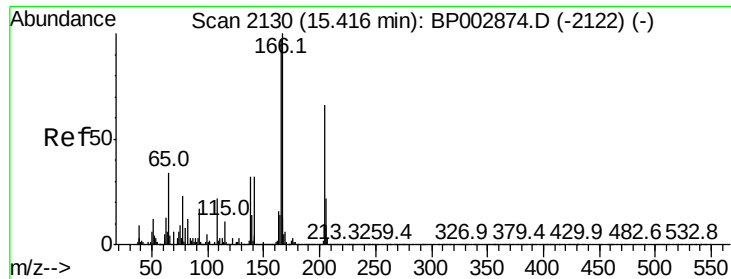
Tot Ion:184 Resp: 26
 Ion Ratio Lower Upper
 184 100
 63 209.7 33.0 49.6#
 154 187.1 46.8 70.2#



#57
 2,4-Dinitrotoluene
 Concen: 3.818 ng
 RT: 14.70 min Scan# 2008
 Delta R.T. 0.01 min
 Lab File: BP003054.D
 Acq: 20 Aug 2020 03:25

Tgt Ion:165 Resp: 212
 Ion Ratio Lower Upper
 165 100
 63 56.5 20.6 31.0#
 89 145.4 43.4 65.0#
 182 10.2 2.3 3.5#

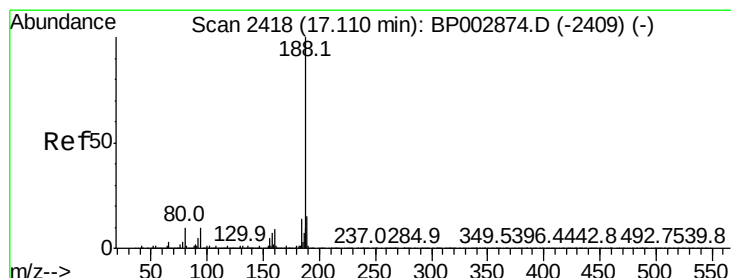
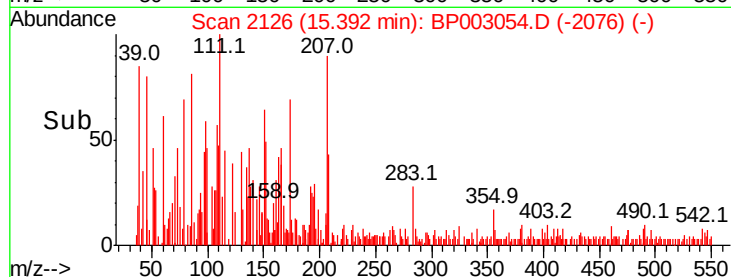
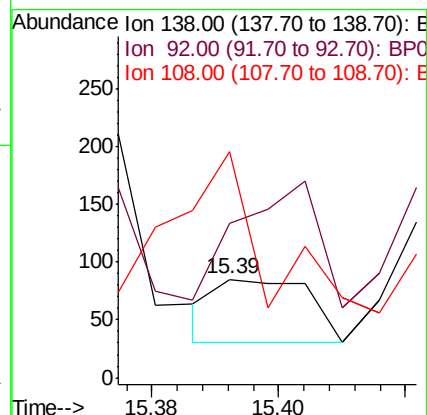
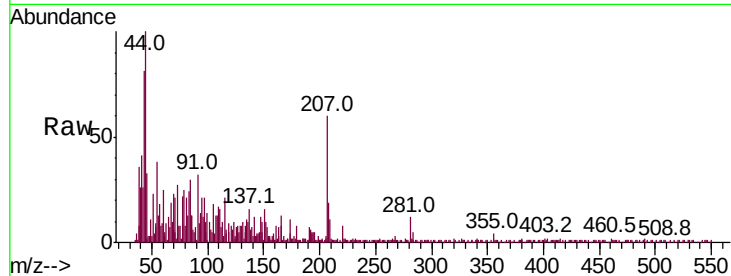




#62
4-Nitroaniline
Concen: 2.420 ng
RT: 15.39 min Scan# 2126
Delta R.T. -0.01 min
Lab File: BP003054.D
Acq: 20 Aug 2020 03:25

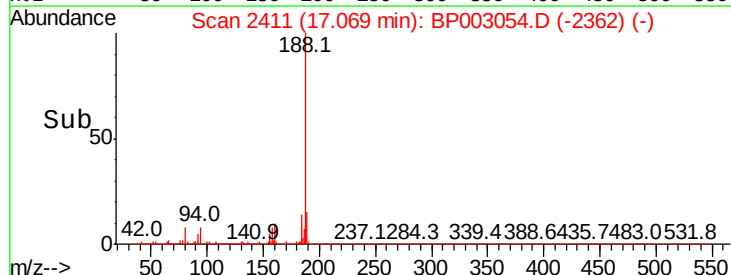
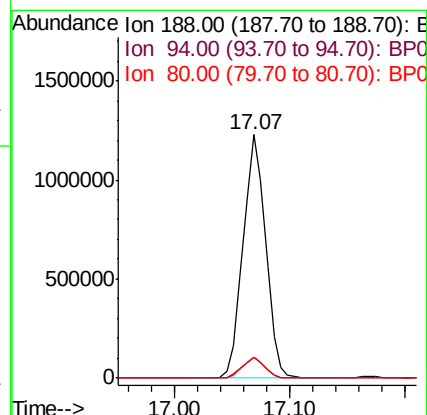
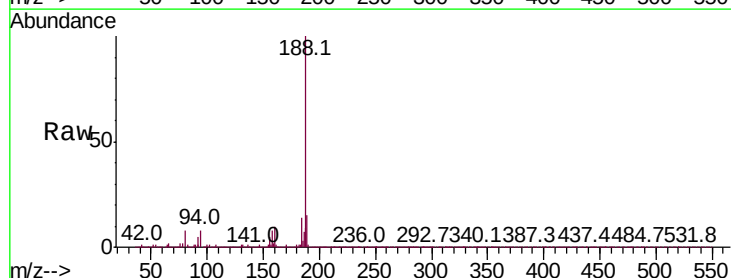
Instrument :
BNA_P
ClientSampleId :
20200515-2801-C

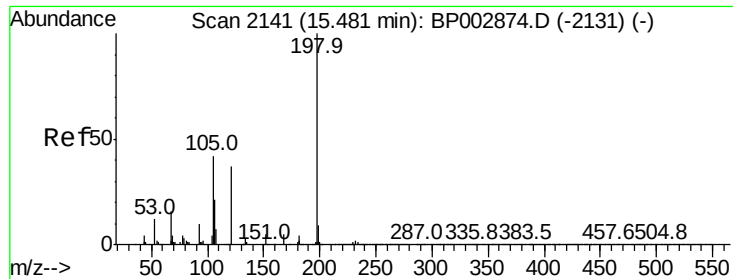
Tot Ion:138 Resp: 56
Ion Ratio Lower Upper
138 100
92 156.5 21.4 61.4#
108 229.4 40.8 80.8#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.07 min Scan# 2411
Delta R.T. -0.01 min
Lab File: BP003054.D
Acq: 20 Aug 2020 03:25

Tgt Ion:188 Resp: 1670316
Ion Ratio Lower Upper
188 100
94 8.4 7.1 10.7
80 8.4 6.7 10.1

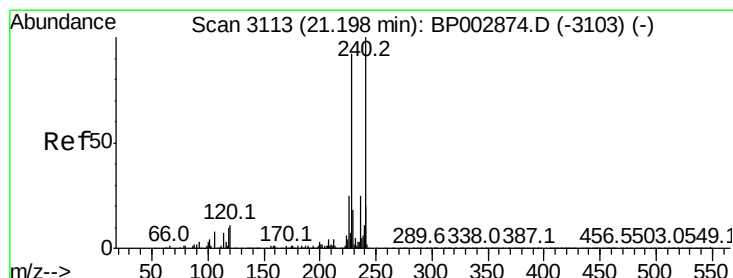
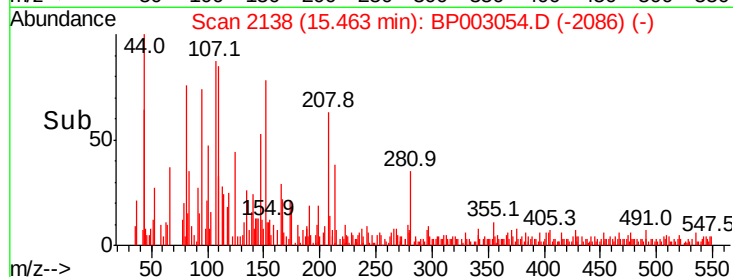
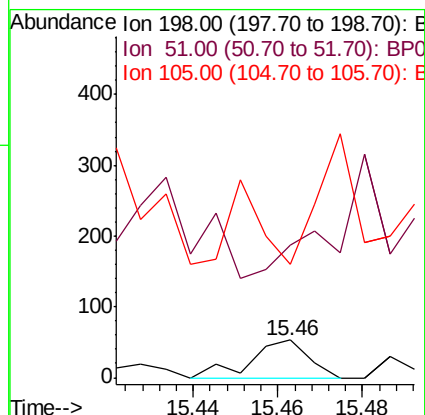
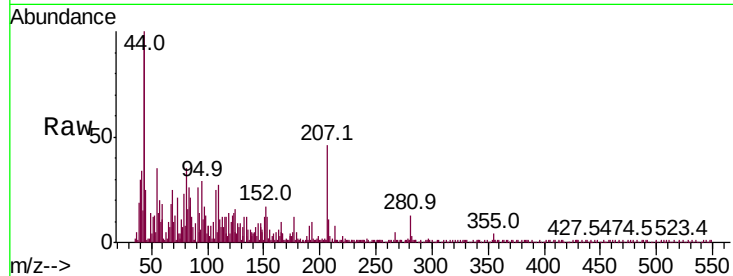




#65
4,6-Dinitro-2-methylphenol
Concen: 6.905 ng
RT: 15.46 min Scan# 2138
Delta R.T. 0.01 min
Lab File: BP003054.D
Acq: 20 Aug 2020 03:25

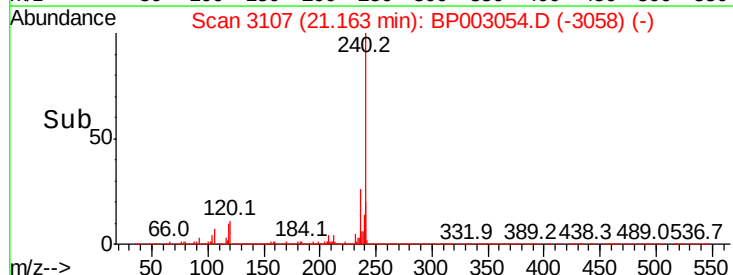
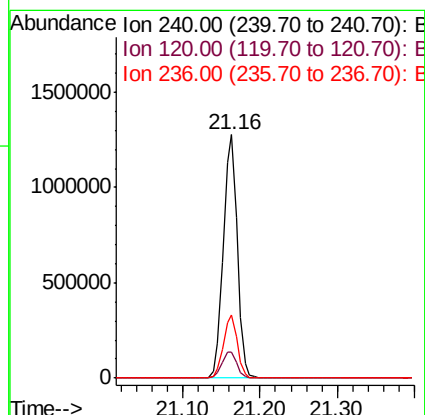
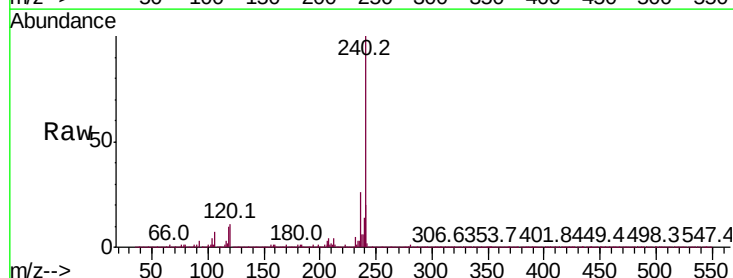
Instrument :
BNA_P
ClientSampleId :
20200515-2801-C

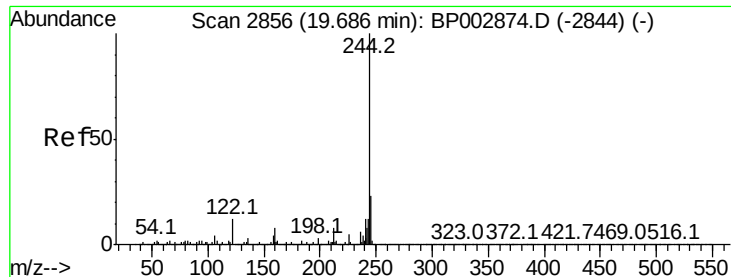
Tot Ion:198 Resp: 50
Ion Ratio Lower Upper
198 100
51 354.7 6.2 46.2#
105 301.9 19.9 59.9#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.16 min Scan# 3107
Delta R.T. -0.01 min
Lab File: BP003054.D
Acq: 20 Aug 2020 03:25

Tgt Ion:240 Resp: 1593433
Ion Ratio Lower Upper
240 100
120 10.7 9.5 14.3
236 25.9 20.8 31.2





#79

Terphenyl-d14

Concen: 63.171 ng

RT: 19.65 min Scan# 2849

Delta R.T. -0.01 min

Lab File: BP003054.D

Acq: 20 Aug 2020 03:25

Instrument :

BNA_P

ClientSampleId :

20200515-2801-C

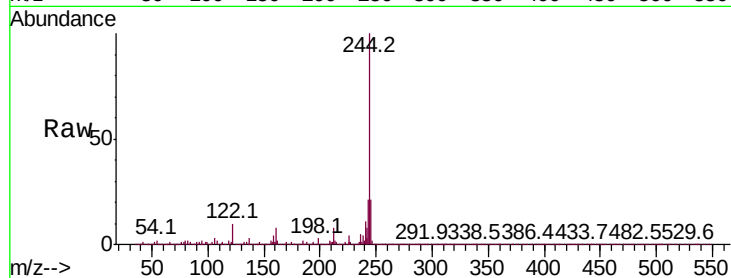
Tot Ion:244 Resp: 5027982

Ion Ratio Lower Upper

244 100

212 7.8 6.3 9.5

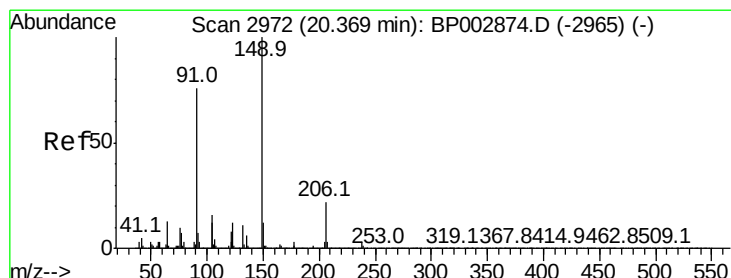
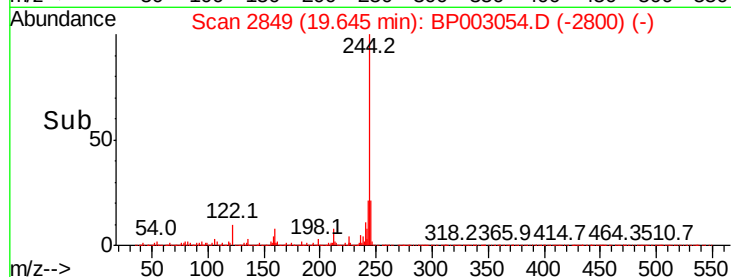
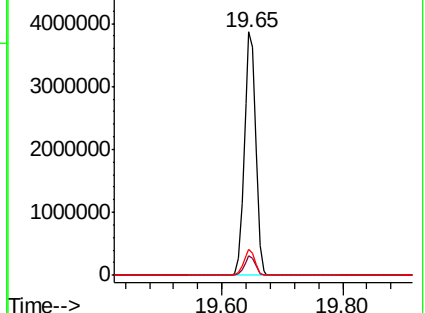
122 10.4 8.7 13.1



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: 3.087 ng

RT: 20.32 min Scan# 2964

Delta R.T. -0.02 min

Lab File: BP003054.D

Acq: 20 Aug 2020 03:25

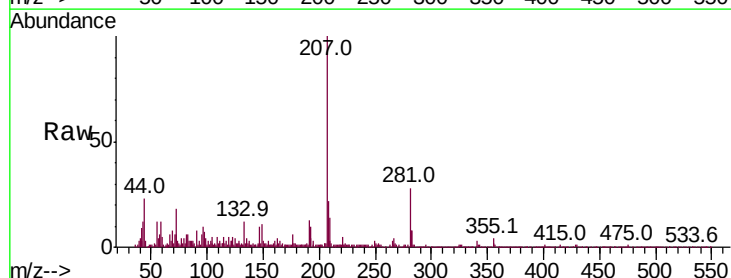
Tgt Ion:149 Resp: 1403

Ion Ratio Lower Upper

149 100

91 70.6 45.3 67.9#

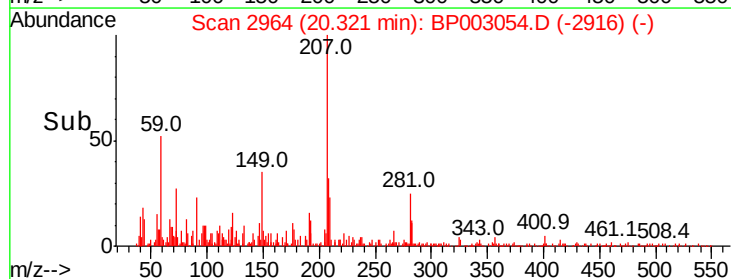
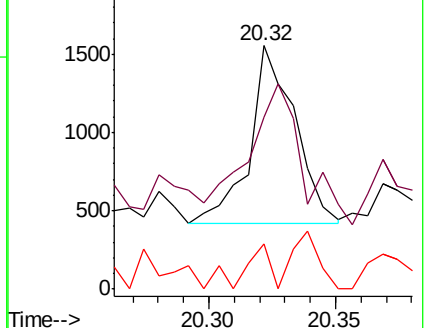
206 18.7 17.5 26.3

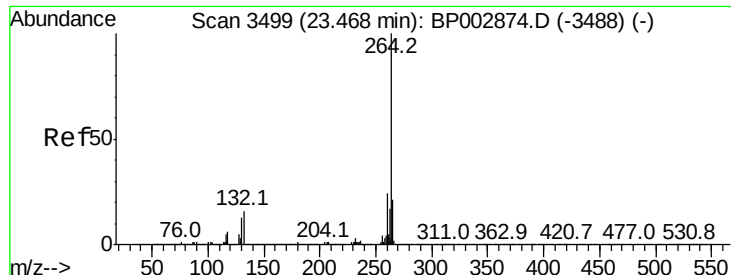


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BP0

Ion 206.00 (205.70 to 206.70): E



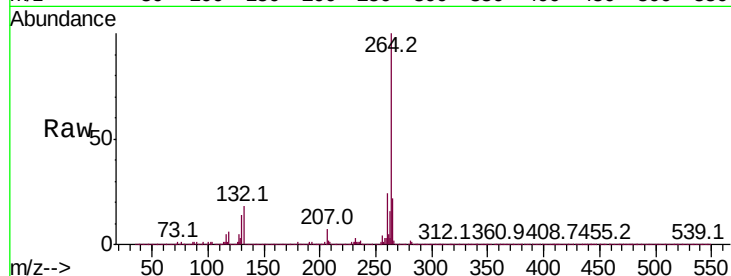


#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.40 min Scan# 3488
Delta R.T. -0.02 min
Lab File: BP003054.D
Acq: 20 Aug 2020 03:25

Instrument :
BNA_P
ClientSampleId :
20200515-2801-C

Tot Ion:264 Resp: 1868887

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.7	17.3	25.9



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

