

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042221\
 Data File : BP005382.D
 Acq On : 22 Apr 2021 18:48
 Operator : CG/JU
 Sample : M2098-01 2X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 HR-01-042021

Quant Time: Apr 23 01:50:32 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP042121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 21 17:40:15 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

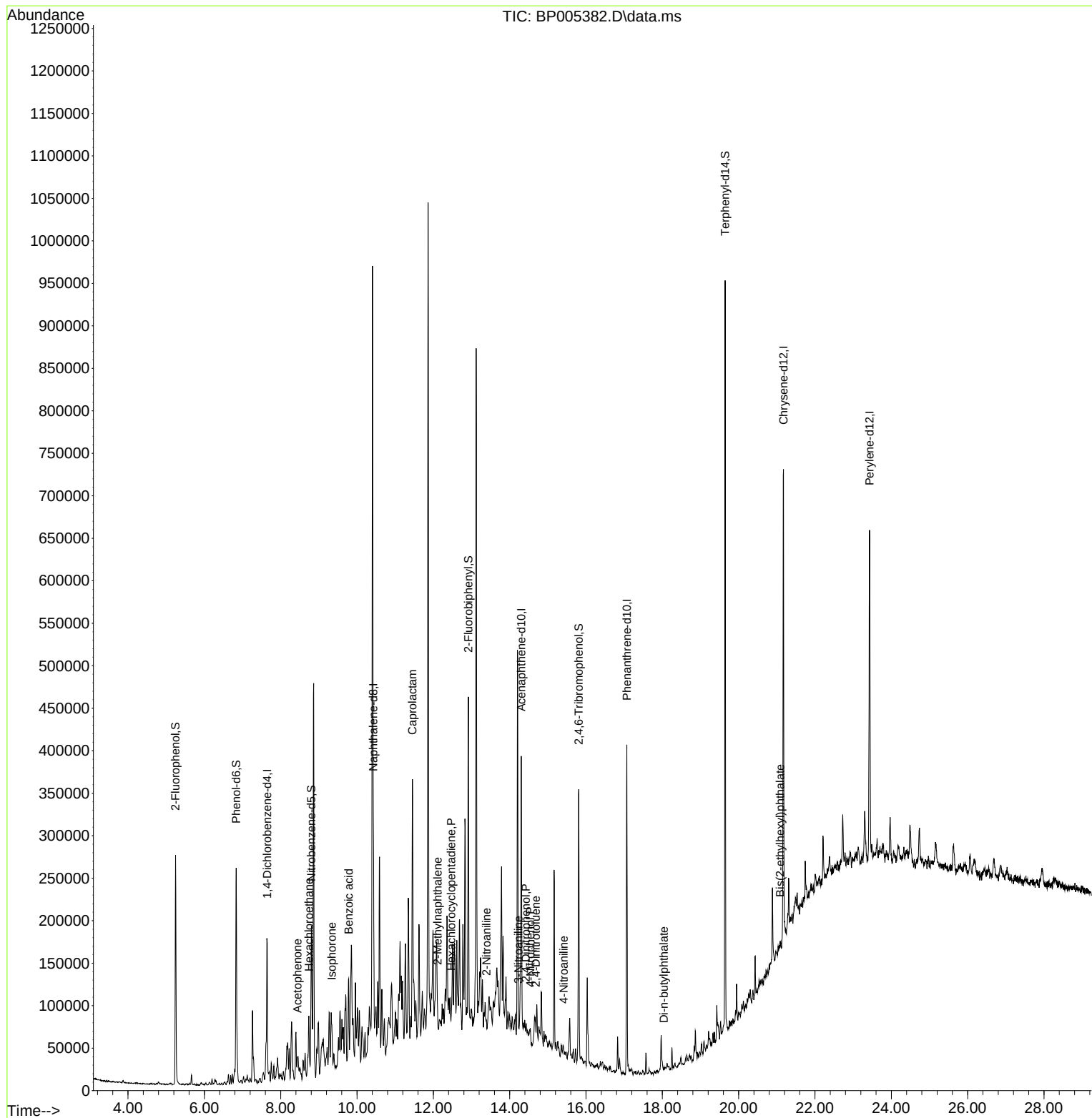
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.646	152	32952	20.00	ng	0.00
21) Naphthalene-d8	10.428	136	127378	20.00	ng	# 0.00
39) Acenaphthene-d10	14.304	164	84424	20.00	ng	0.00
64) Phenanthrene-d10	17.069	188	198525	20.00	ng	0.00
76) Chrysene-d12	21.174	240	248670	20.00	ng	0.00
86) Perylene-d12	23.427	264	266526	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.246	112	78805	41.54	ng	0.00
7) Phenol-d6	6.834	99	107787	41.24	ng	0.00
23) Nitrobenzene-d5	8.804	82	90186	30.79	ng	0.00
42) 2,4,6-Tribromophenol	15.810	330	48967	30.32	ng	0.00
45) 2-Fluorobiphenyl	12.916	172	161483	24.76	ng	0.00
79) Terphenyl-d14	19.645	244	317922	23.69	ng	0.00
Target Compounds						
						Qvalue
18) Hexachloroethane	8.740	117	3441	3.76	ng	# 1
22) Acetophenone	8.440	105	10900	2.98	ng	# 64
25) Isophorone	9.340	82	4711	3.74	ng	# 1
32) Benzoic acid	9.781	122	51	7.78	ng	# 1
35) Caprolactam	11.451	113	9038	14.25	ng	# 1
37) 2-Methylnaphthalene	12.110	142	11461	2.33	ng	# 85
41) Hexachlorocyclopentadiene	12.469	237	16	6.97	ng	# 82
48) 2-Nitroaniline	13.392	65	326	5.62	ng	# 34
53) 3-Nitroaniline	14.234	138	99	2.73	ng	# 67
54) 2,4-Dinitrophenol	14.422	184	13	7.53	ng	# 1
56) 4-Nitrophenol	14.545	139	462	5.73	ng	# 86
57) 2,4-Dinitrotoluene	14.686	165	163	3.18	ng	# 65
62) 4-Nitroaniline	15.416	138	129	3.91	ng	# 21
74) Di-n-butylphthalate	18.039	149	349	3.98	ng	# 93
84) Bis(2-ethylhexyl)phtha...	21.086	149	2098	3.33	ng	# 82

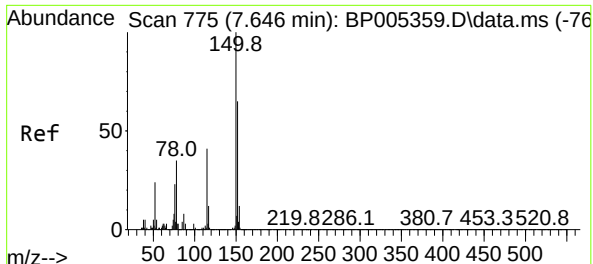
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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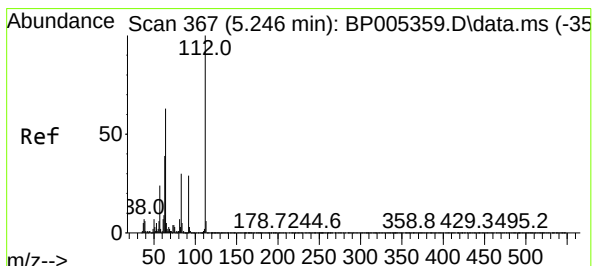
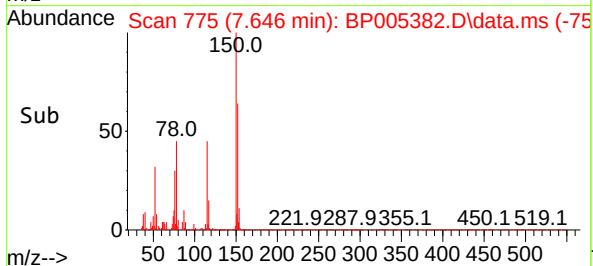
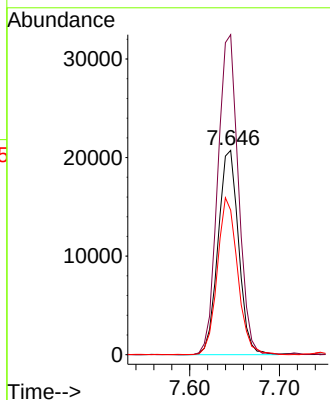
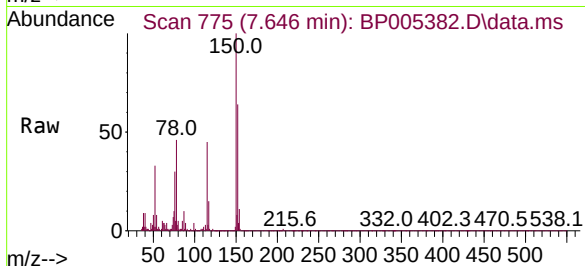




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.646 min Scan# 775
Delta R.T. -0.000 min
Lab File: BP005382.D
Acq: 22 Apr 2021 18:48

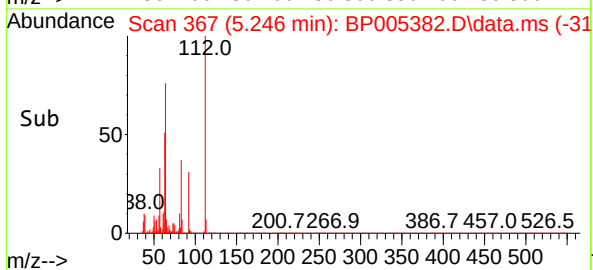
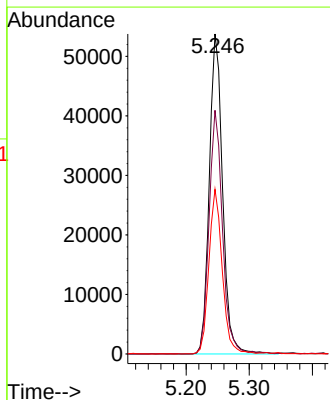
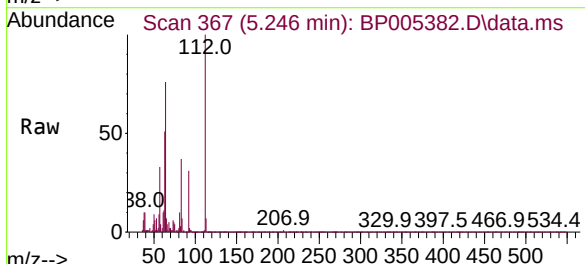
Instrument :
BNA_P
ClientSampleId :
HR-01-042021

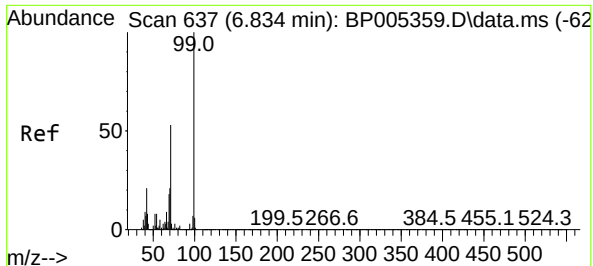
Tgt Ion:152 Resp: 32952
Ion Ratio Lower Upper
152 100
150 156.6 119.8 179.8
115 70.7 49.0 73.4



#5
2-Fluorophenol
Concen: 41.54 ng
RT: 5.246 min Scan# 367
Delta R.T. -0.000 min
Lab File: BP005382.D
Acq: 22 Apr 2021 18:48

Tgt Ion:112 Resp: 78805
Ion Ratio Lower Upper
112 100
64 76.2 33.6 50.4#
63 51.5 18.6 27.8#

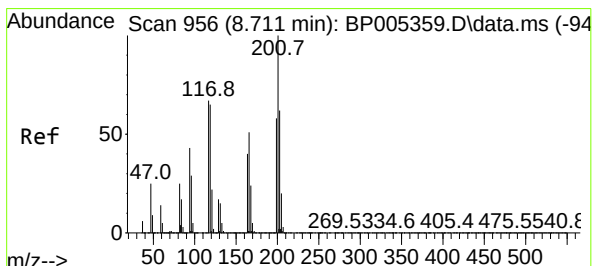
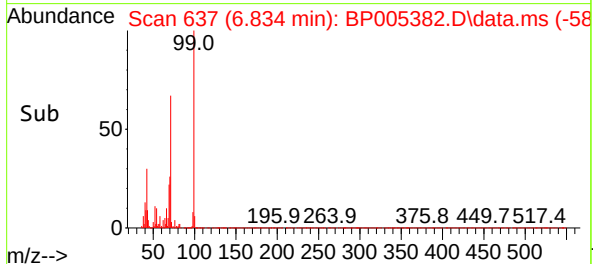
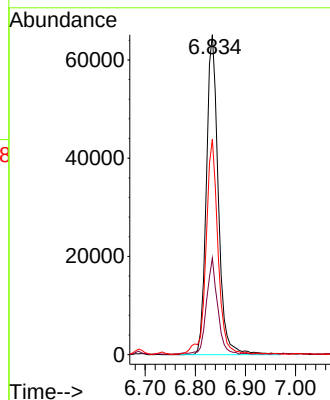
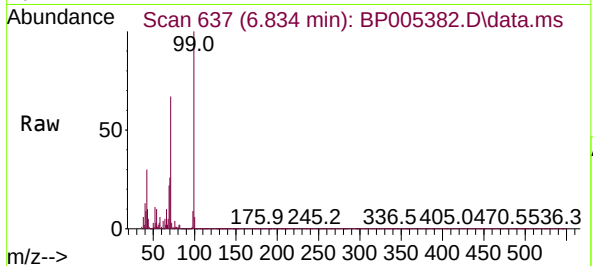




#7
Phenol-d6
Concen: 41.24 ng
RT: 6.834 min Scan# 637
Delta R.T. -0.000 min
Lab File: BP005382.D
Acq: 22 Apr 2021 18:48

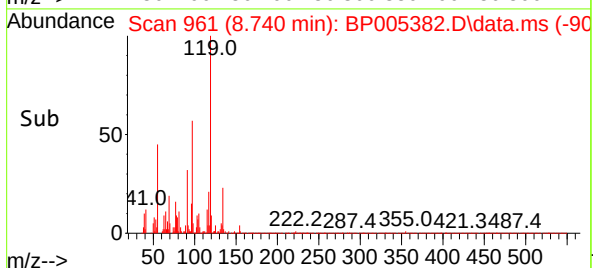
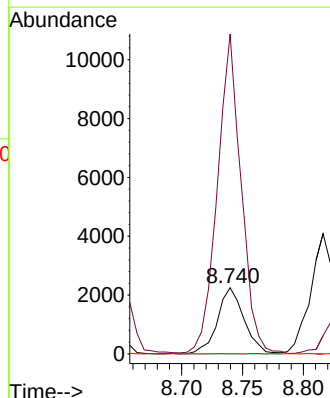
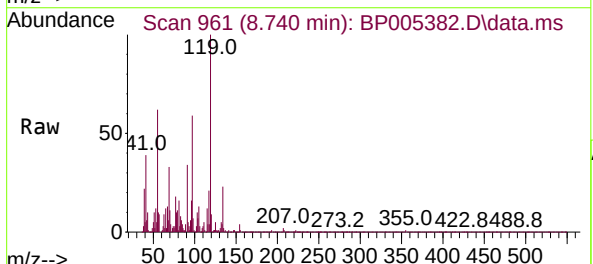
Instrument :
BNA_P
ClientSampleId :
HR-01-042021

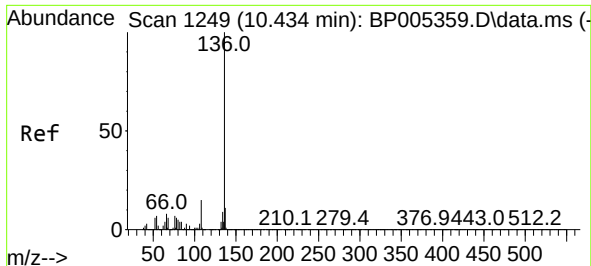
Tgt Ion: 99 Resp: 107787
Ion Ratio Lower Upper
99 100
42 30.2 12.9 19.3#
71 67.3 26.7 40.1#



#18
Hexachloroethane
Concen: 3.76 ng
RT: 8.740 min Scan# 961
Delta R.T. 0.029 min
Lab File: BP005382.D
Acq: 22 Apr 2021 18:48

Tgt Ion: 117 Resp: 3441
Ion Ratio Lower Upper
117 100
119 483.1 80.1 120.1#
201 0.4 98.8 148.2#

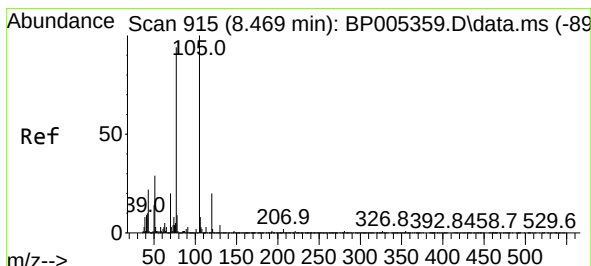
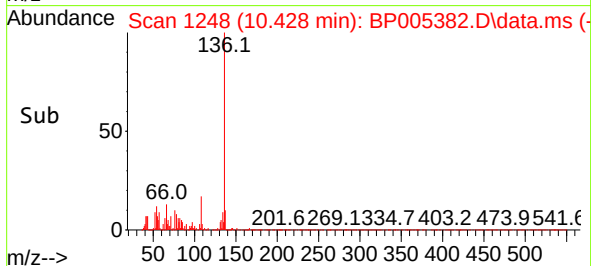
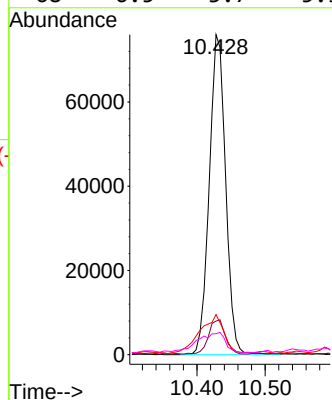
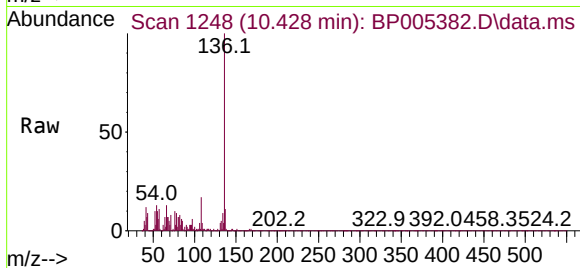




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.428 min Scan# 1248
Delta R.T. -0.006 min
Lab File: BP005382.D
Acq: 22 Apr 2021 18:48

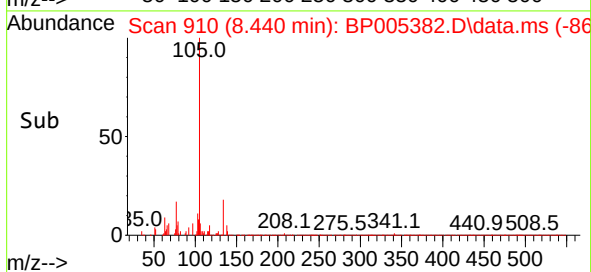
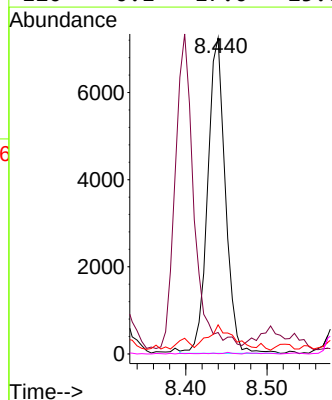
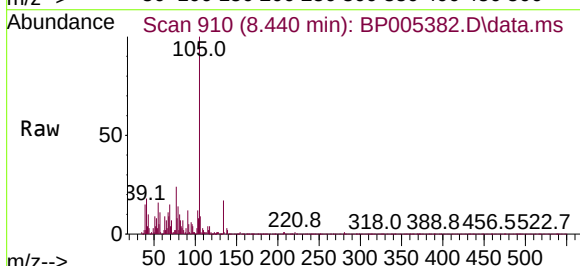
Instrument :
BNA_P
ClientSampleId :
HR-01-042021

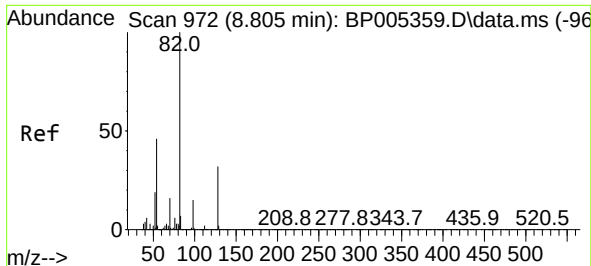
Tgt Ion:	136	Resp:	127378
Ion Ratio	Lower	Upper	
136	100		
137	10.5	8.9	13.3
54	12.5	5.0	7.4#
68	6.5	3.7	5.5#



#22
Acetophenone
Concen: 2.98 ng
RT: 8.440 min Scan# 910
Delta R.T. -0.030 min
Lab File: BP005382.D
Acq: 22 Apr 2021 18:48

Tgt Ion:	105	Resp:	10900
Ion Ratio	Lower	Upper	
105	100		
71	6.8	0.9	1.3#
51	9.2	18.2	27.2#
120	0.1	17.0	25.6#

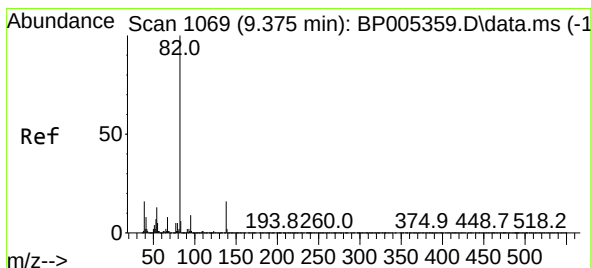
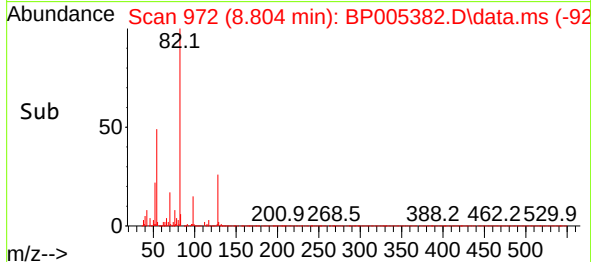
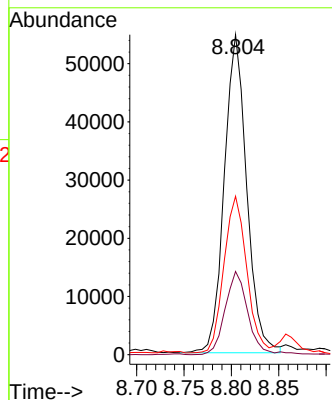
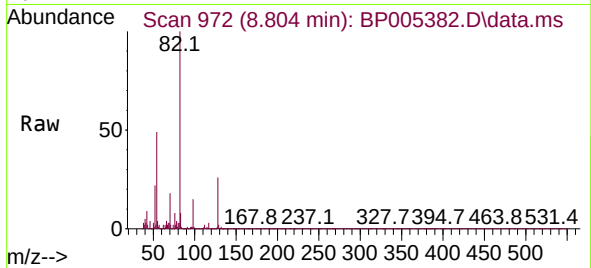




#23
Nitrobenzene-d5
Concen: 30.79 ng
RT: 8.804 min Scan# 972
Delta R.T. -0.001 min
Lab File: BP005382.D
Acq: 22 Apr 2021 18:48

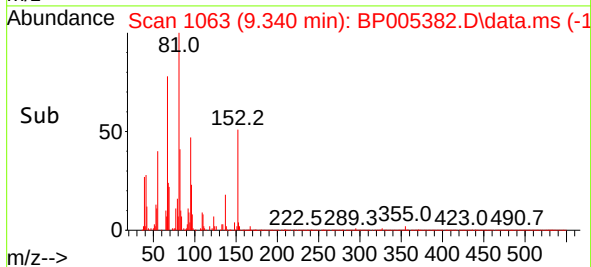
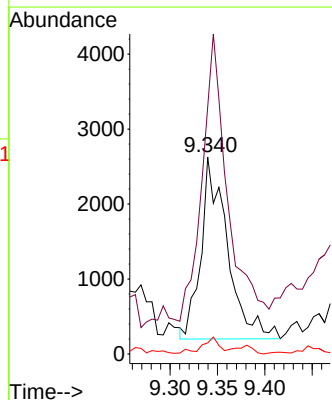
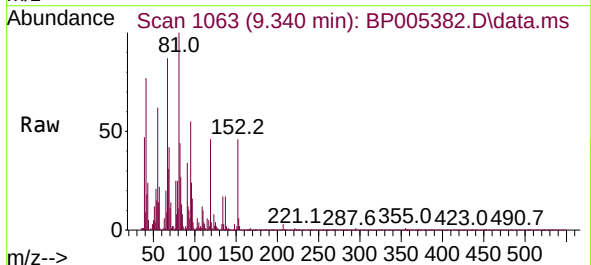
Instrument :
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ClientSampleId :
HR-01-042021

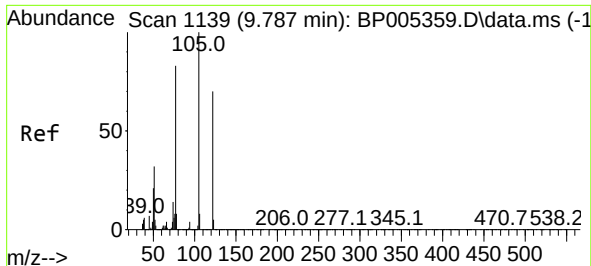
Tgt Ion: 82 Resp: 90186
Ion Ratio Lower Upper
82 100
128 26.0 30.5 45.7#
54 49.5 33.9 50.9



#25
Isophorone
Concen: 3.74 ng
RT: 9.340 min Scan# 1063
Delta R.T. -0.035 min
Lab File: BP005382.D
Acq: 22 Apr 2021 18:48

Tgt Ion: 82 Resp: 4711
Ion Ratio Lower Upper
82 100
95 125.5 7.5 11.3#
138 5.6 14.6 22.0#

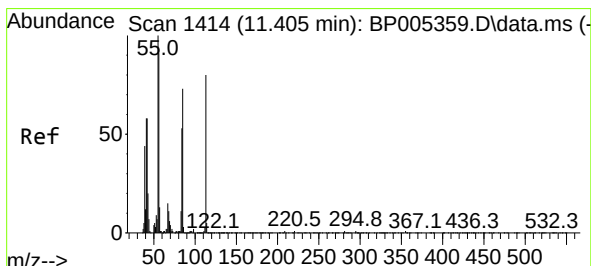
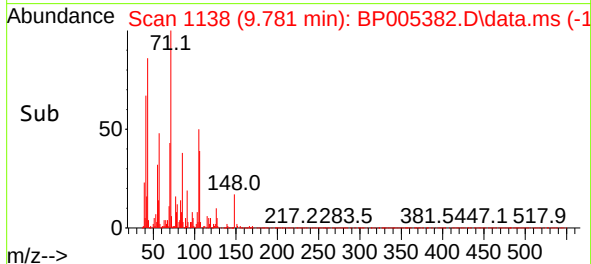
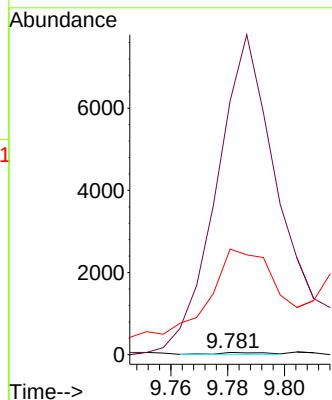
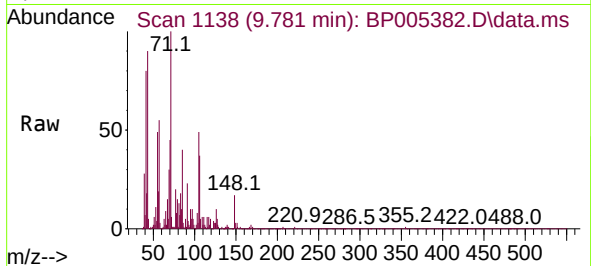




#32
Benzoic acid
Concen: 7.78 ng
RT: 9.781 min Scan# 1138
Delta R.T. -0.006 min
Lab File: BP005382.D
Acq: 22 Apr 2021 18:48

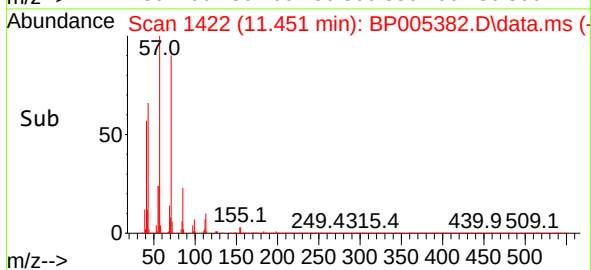
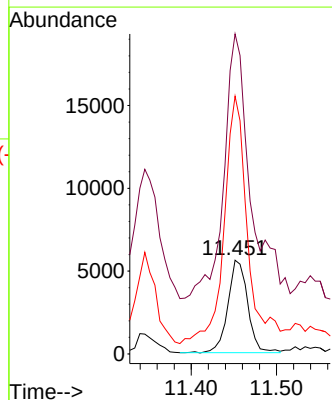
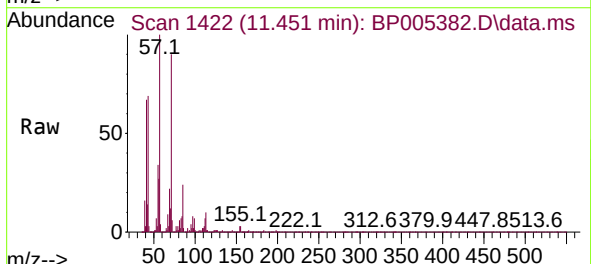
Instrument :
BNA_P
ClientSampleId :
HR-01-042021

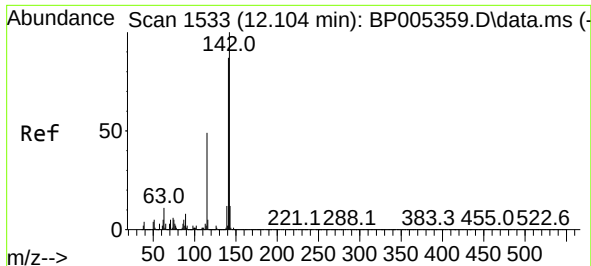
Tgt Ion:122 Resp: 51
Ion Ratio Lower Upper
122 100
105 11442.6 105.1 145.1#
77 4761.1 69.6 109.6#



#35
Caprolactam
Concen: 14.25 ng
RT: 11.451 min Scan# 1422
Delta R.T. 0.046 min
Lab File: BP005382.D
Acq: 22 Apr 2021 18:48

Tgt Ion:113 Resp: 9038
Ion Ratio Lower Upper
113 100
55 341.3 72.0 112.0#
56 274.9 65.1 105.1#

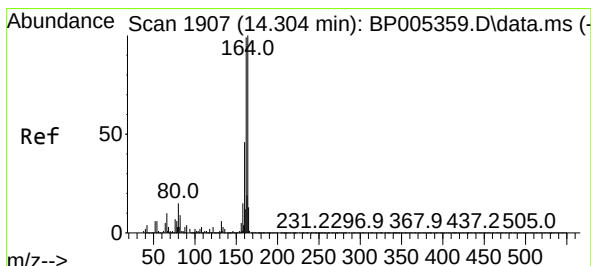
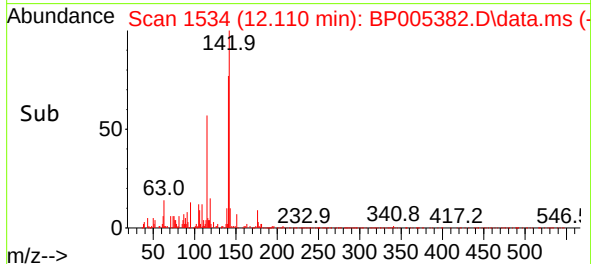
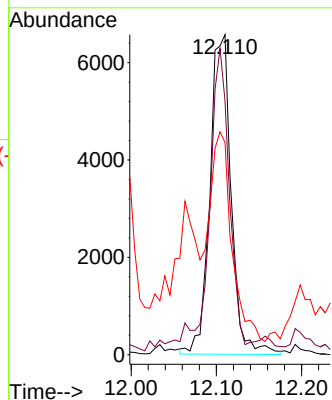
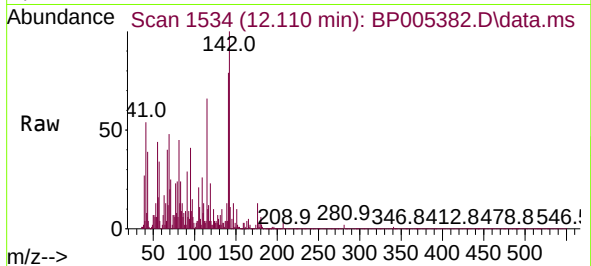




#37
2-Methylnaphthalene
Concen: 2.33 ng
RT: 12.110 min Scan# 1534
Delta R.T. 0.006 min
Lab File: BP005382.D
Acq: 22 Apr 2021 18:48

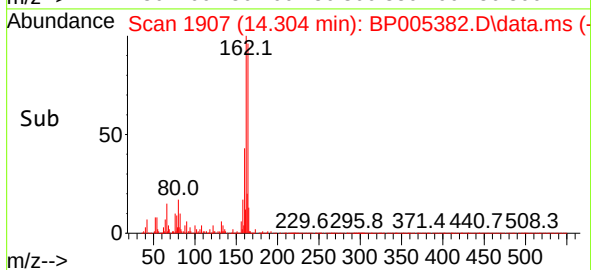
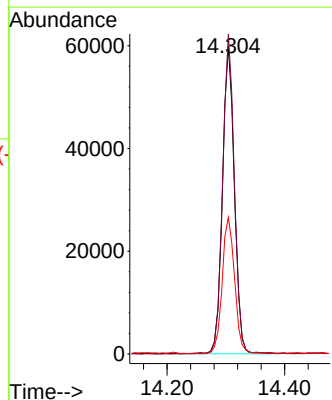
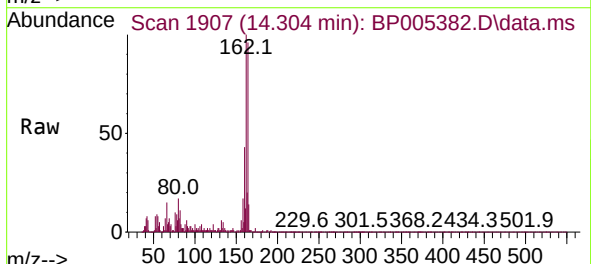
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HR-01-042021

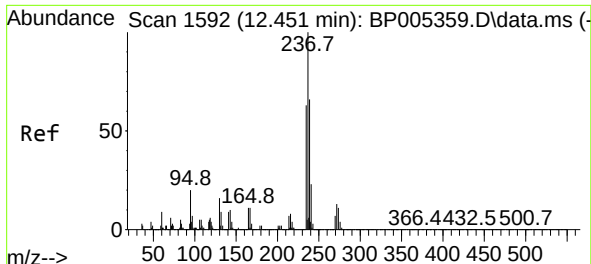
Tgt Ion:142 Resp: 11461
Ion Ratio Lower Upper
142 100
141 79.4 74.7 112.1
115 66.3 43.8 65.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.304 min Scan# 1907
Delta R.T. 0.000 min
Lab File: BP005382.D
Acq: 22 Apr 2021 18:48

Tgt Ion:164 Resp: 84424
Ion Ratio Lower Upper
164 100
162 104.1 73.5 110.3
160 44.4 40.6 61.0

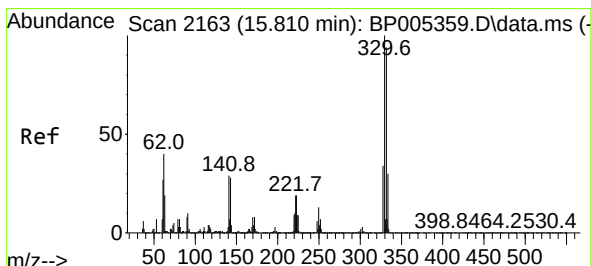
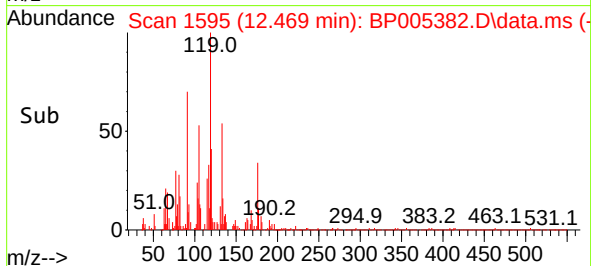
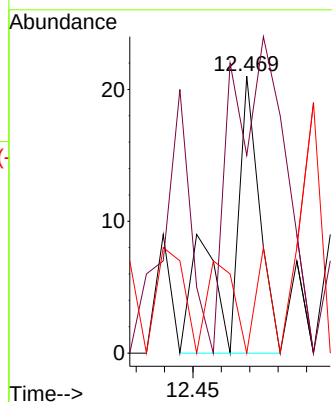
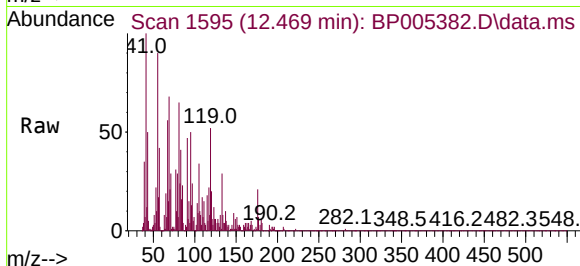




#41
Hexachlorocyclopentadiene
Concen: 6.97 ng
RT: 12.469 min Scan# 1595
Delta R.T. 0.018 min
Lab File: BP005382.D
Acq: 22 Apr 2021 18:48

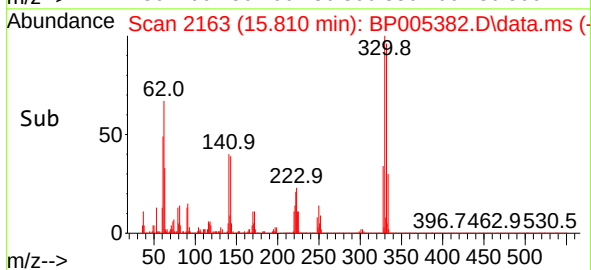
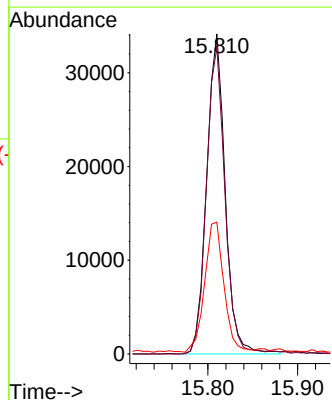
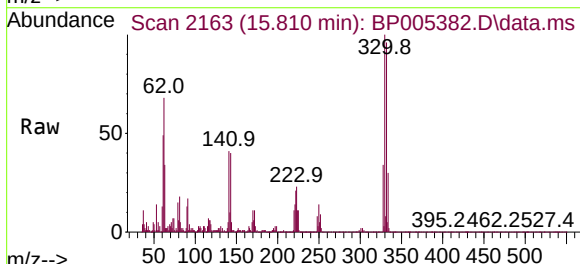
Instrument :
BNA_P
ClientSampled :
HR-01-042021

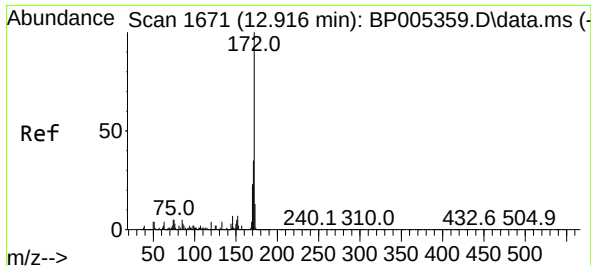
Tgt Ion:	237	Resp:	16
Ion	Ratio	Lower	Upper
237	100		
235	71.4	40.9	80.9
272	0.0	0.0	34.6



#42
2,4,6-Tribromophenol
Concen: 30.32 ng
RT: 15.810 min Scan# 2163
Delta R.T. -0.000 min
Lab File: BP005382.D
Acq: 22 Apr 2021 18:48

Tgt Ion:	330	Resp:	48967
Ion	Ratio	Lower	Upper
330	100		
332	96.4	76.3	114.5
141	41.7	22.8	34.2#

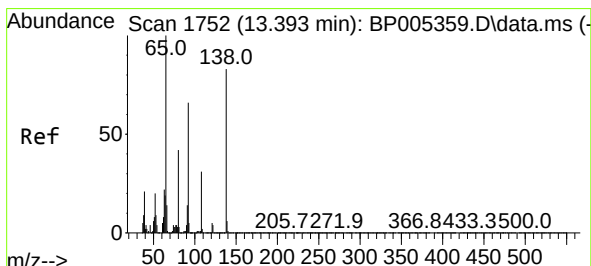
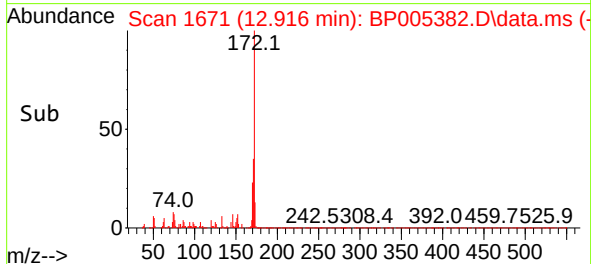
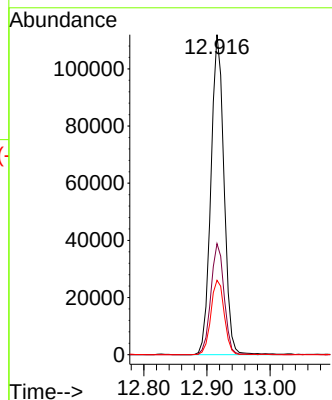
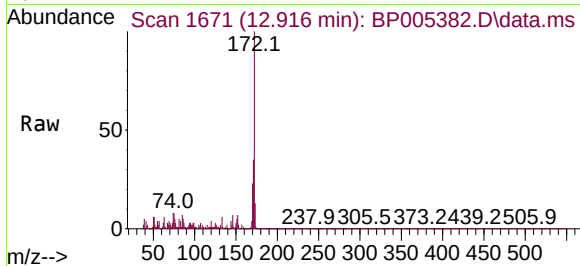




#45
2-Fluorobiphenyl
Concen: 24.76 ng
RT: 12.916 min Scan# 1671
Delta R.T. -0.000 min
Lab File: BP005382.D
Acq: 22 Apr 2021 18:48

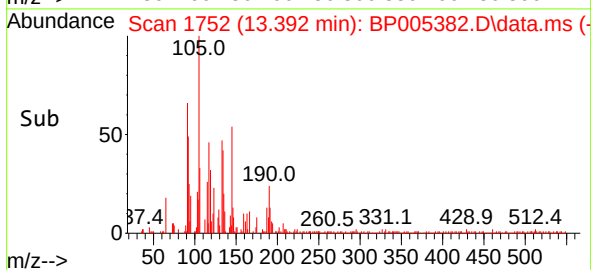
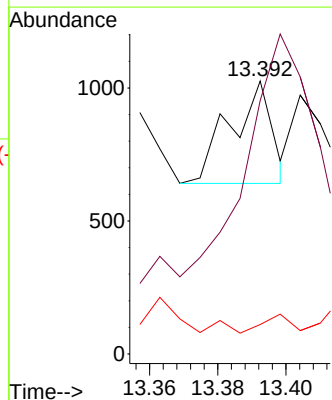
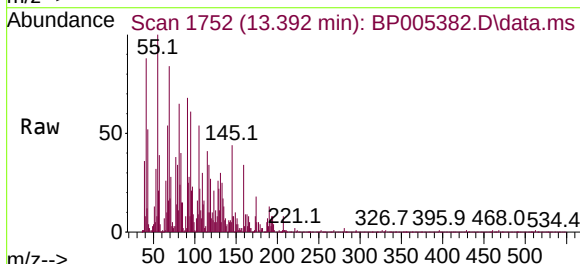
Instrument :
BNA_P
ClientSampleId :
HR-01-042021

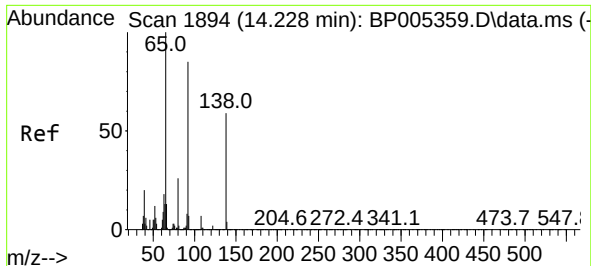
Tgt Ion:	172	Resp:	161483
Ion	Ratio	Lower	Upper
172	100		
171	34.7	28.1	42.1
170	23.3	19.6	29.4



#48
2-Nitroaniline
Concen: 5.62 ng
RT: 13.392 min Scan# 1752
Delta R.T. -0.001 min
Lab File: BP005382.D
Acq: 22 Apr 2021 18:48

Tgt Ion:	65	Resp:	326
Ion	Ratio	Lower	Upper
65	100		
92	92.9	48.8	73.2#
138	10.8	69.5	104.3#

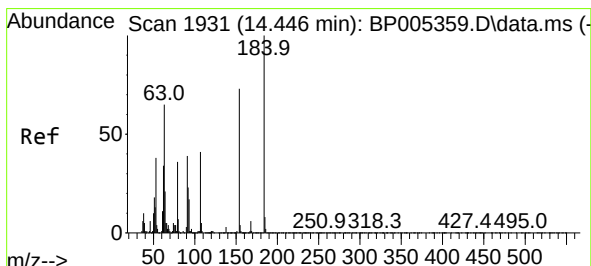
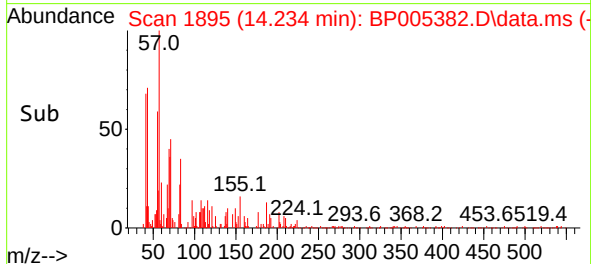
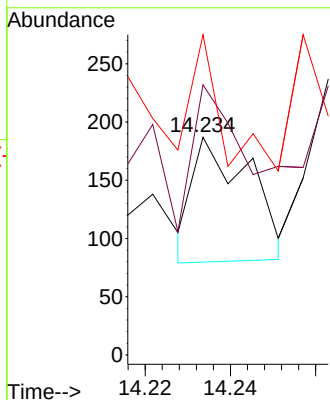
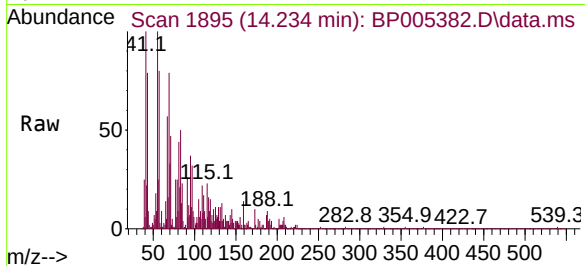




#53
3-Nitroaniline
Concen: 2.73 ng
RT: 14.234 min Scan# 1895
Delta R.T. 0.006 min
Lab File: BP005382.D
Acq: 22 Apr 2021 18:48

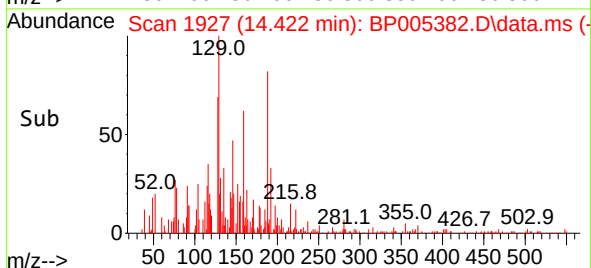
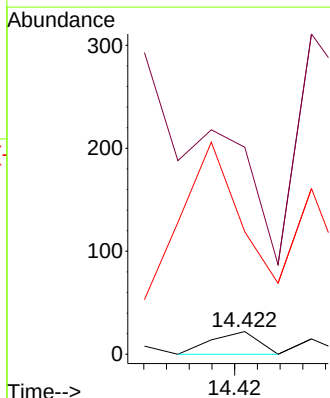
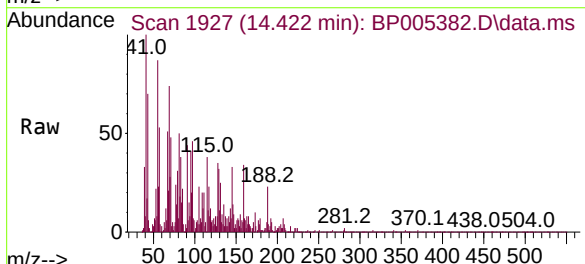
Instrument :
BNA_P
ClientSampleId :
HR-01-042021

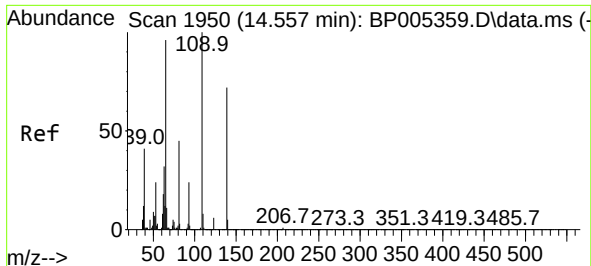
Tgt Ion:138 Resp: 99
Ion Ratio Lower Upper
138 100
108 124.1 10.2 15.4#
92 147.1 108.1 162.1



#54
2,4-Dinitrophenol
Concen: 7.53 ng
RT: 14.422 min Scan# 1927
Delta R.T. -0.024 min
Lab File: BP005382.D
Acq: 22 Apr 2021 18:48

Tgt Ion:184 Resp: 13
Ion Ratio Lower Upper
184 100
63 913.6 51.2 76.8#
154 540.9 55.8 83.8#

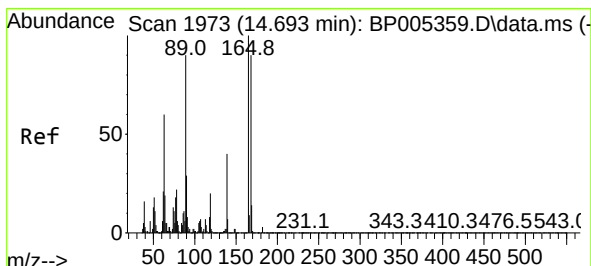
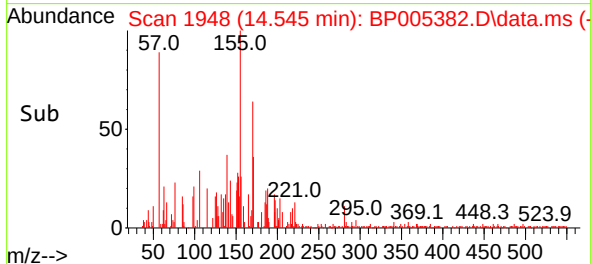
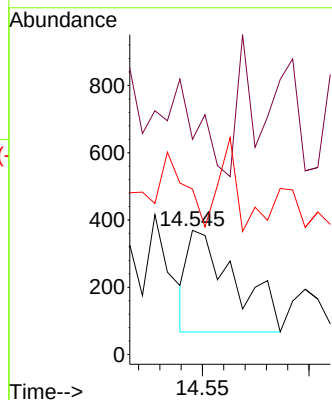
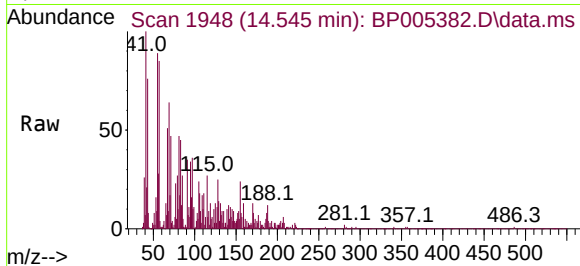




#56
4-Nitrophenol
Concen: 5.73 ng
RT: 14.545 min Scan# 1948
Delta R.T. -0.012 min
Lab File: BP005382.D
Acq: 22 Apr 2021 18:48

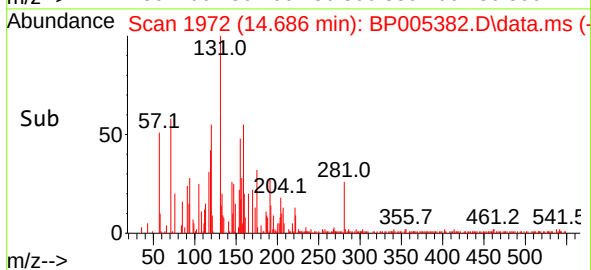
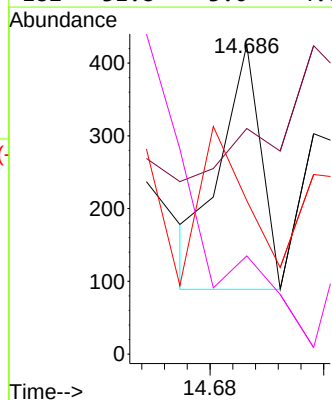
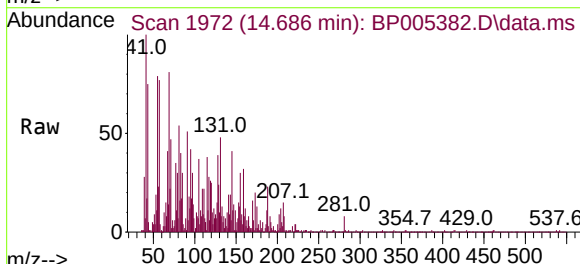
Instrument :
BNA_P
ClientSampleId :
HR-01-042021

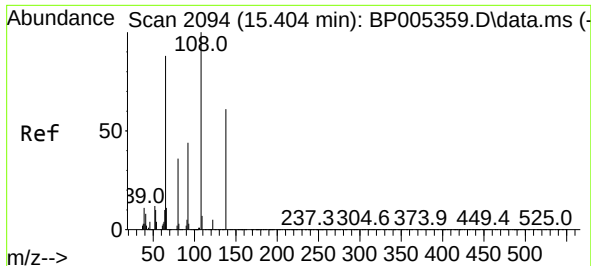
Tgt Ion:139 Resp: 462
Ion Ratio Lower Upper
139 100
109 173.4 122.8 162.8#
65 133.3 110.0 150.0



#57
2,4-Dinitrotoluene
Concen: 3.18 ng
RT: 14.686 min Scan# 1972
Delta R.T. -0.007 min
Lab File: BP005382.D
Acq: 22 Apr 2021 18:48

Tgt Ion:165 Resp: 163
Ion Ratio Lower Upper
165 100
63 72.9 56.7 85.1
89 49.6 85.8 128.6#
182 31.8 3.0 4.6#

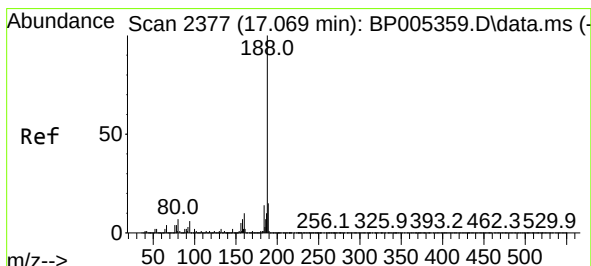
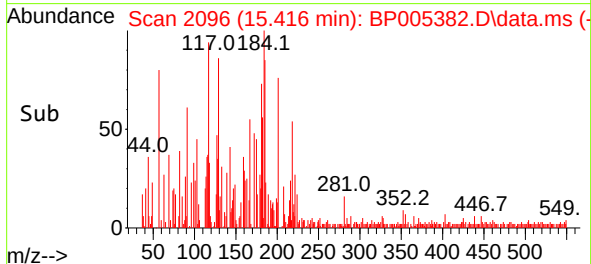
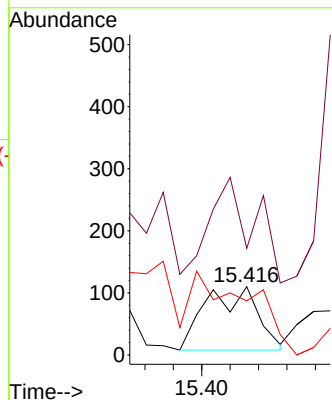
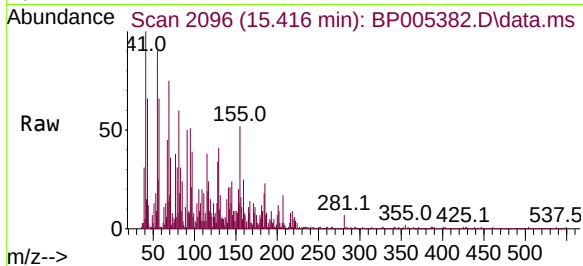




#62
4-Nitroaniline
Concen: 3.91 ng
RT: 15.416 min Scan# 2096
Delta R.T. 0.012 min
Lab File: BP005382.D
Acq: 22 Apr 2021 18:48

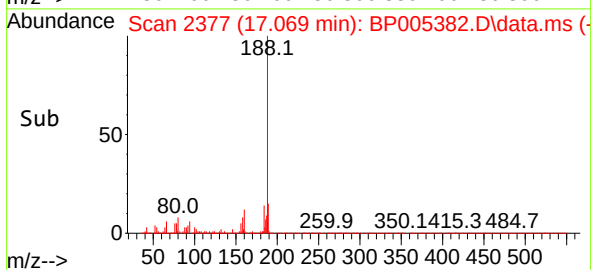
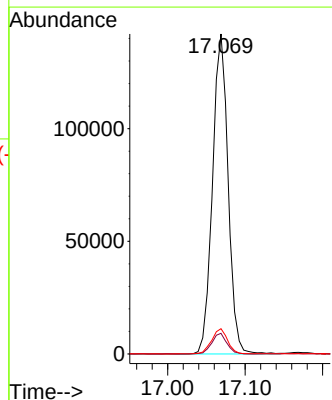
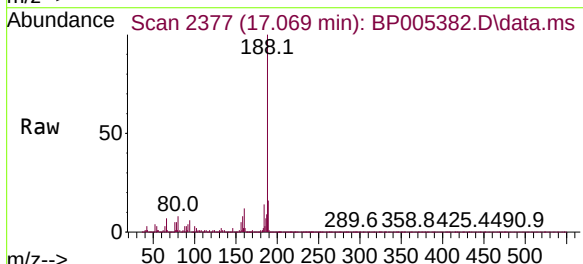
Instrument :
BNA_P
ClientSampleId :
HR-01-042021

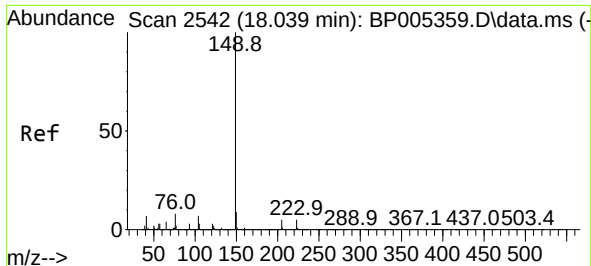
Tgt Ion:138 Resp: 129
Ion Ratio Lower Upper
138 100
92 156.4 50.9 90.9#
108 79.1 154.7 194.7#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.069 min Scan# 2377
Delta R.T. -0.000 min
Lab File: BP005382.D
Acq: 22 Apr 2021 18:48

Tgt Ion:188 Resp: 198525
Ion Ratio Lower Upper
188 100
94 6.4 5.0 7.6
80 7.9 5.9 8.9

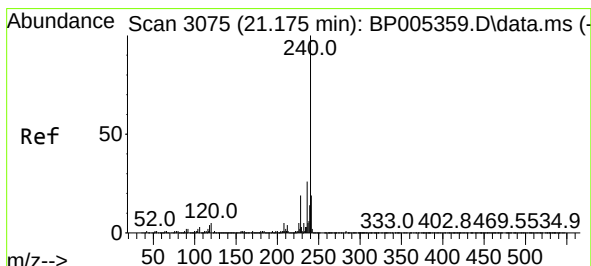
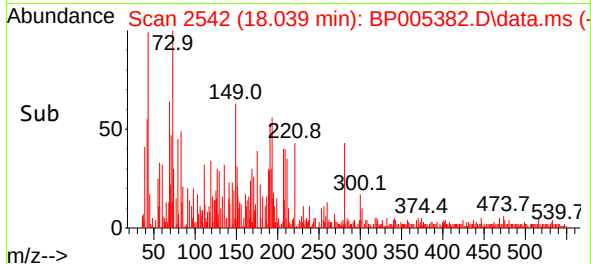
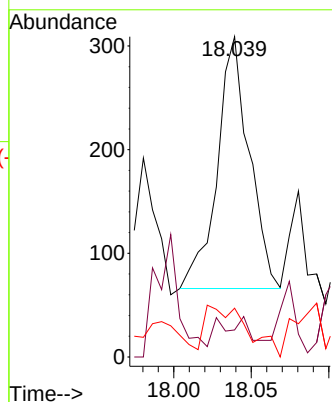
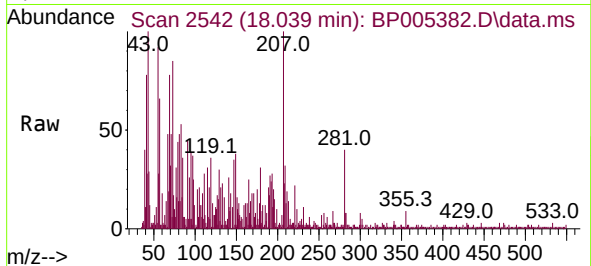




#74
Di-n-butylphthalate
Concen: 3.98 ng
RT: 18.039 min Scan# 2542
Delta R.T. 0.000 min
Lab File: BP005382.D
Acq: 22 Apr 2021 18:48

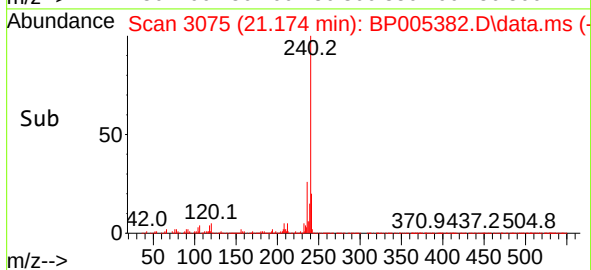
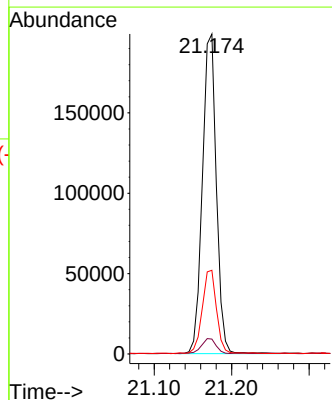
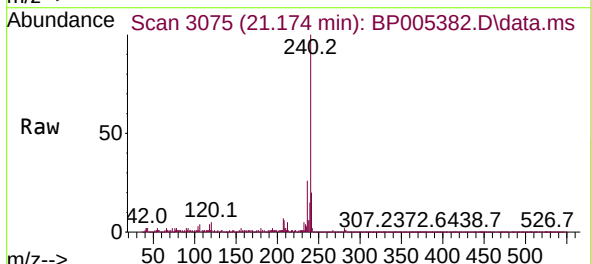
Instrument :
BNA_P
ClientSampleId :
HR-01-042021

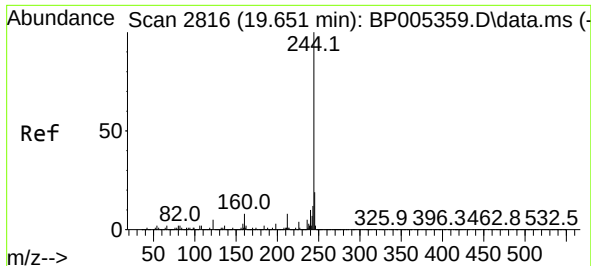
Tgt Ion:	149	Resp:	349
Ion Ratio	Lower	Upper	
149	100		
150	8.0	7.6	11.4
104	14.5	8.9	13.3#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.174 min Scan# 3075
Delta R.T. -0.001 min
Lab File: BP005382.D
Acq: 22 Apr 2021 18:48

Tgt Ion:	240	Resp:	248670
Ion Ratio	Lower	Upper	
240	100		
120	4.7	4.2	6.2
236	26.2	20.2	30.2

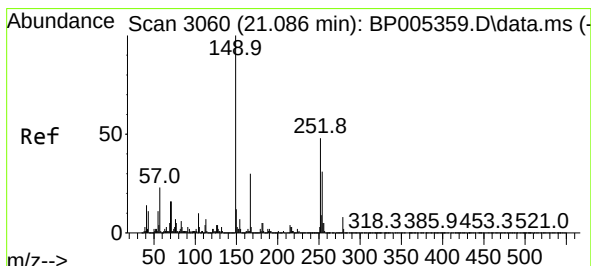
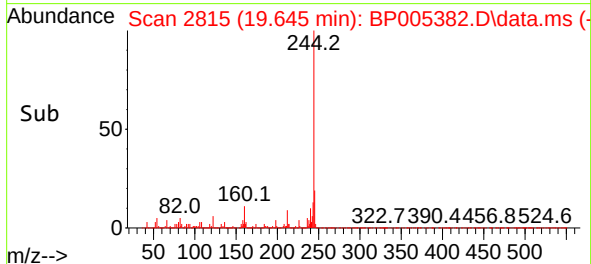
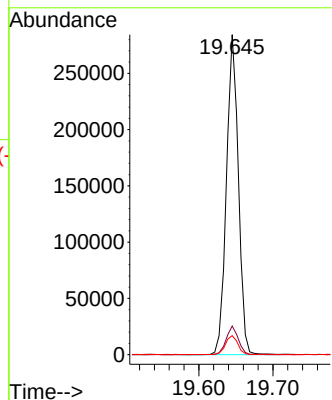
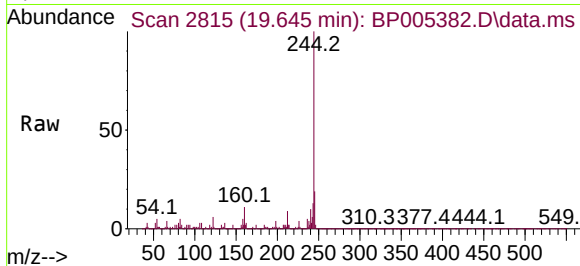




#79
 Terphenyl-d14
 Concen: 23.69 ng
 RT: 19.645 min Scan# 2815
 Delta R.T. -0.006 min
 Lab File: BP005382.D
 Acq: 22 Apr 2021 18:48

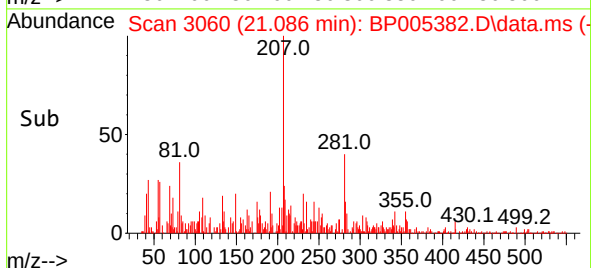
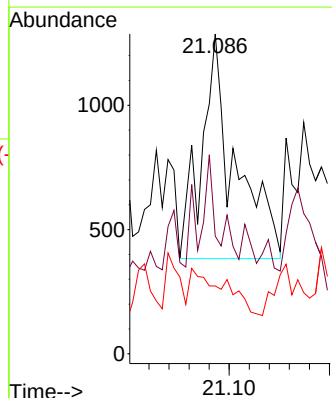
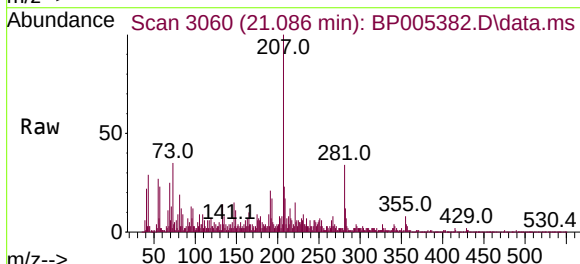
Instrument :
 BNA_P
 ClientSampleId :
 HR-01-042021

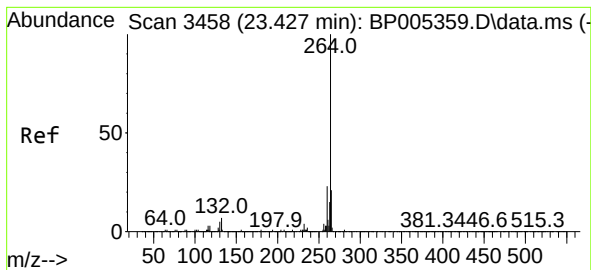
Tgt Ion:244 Resp: 317922
 Ion Ratio Lower Upper
 244 100
 212 9.0 5.8 8.6#
 122 5.9 5.2 7.8



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.33 ng
 RT: 21.086 min Scan# 3060
 Delta R.T. 0.000 min
 Lab File: BP005382.D
 Acq: 22 Apr 2021 18:48

Tgt Ion:149 Resp: 2098
 Ion Ratio Lower Upper
 149 100
 167 36.8 23.8 35.8#
 279 21.2 5.7 8.5#





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.427 min Scan# 3458
Delta R.T. -0.000 min
Lab File: BP005382.D
Acq: 22 Apr 2021 18:48

Instrument :
BNA_P
ClientSampleId :
HR-01-042021

Tgt Ion:264 Resp: 266526

Ion	Ratio	Lower	Upper
264	100		
260	25.0	20.6	30.8
265	22.0	19.0	28.6

