

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052821\
 Data File : BP005649.D
 Acq On : 28 May 2021 20:53
 Operator : CG/JU
 Sample : M2556-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MW-8B

Quant Time: May 28 22:54:56 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 27 16:11:11 2021
 Response via : Initial Calibration

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

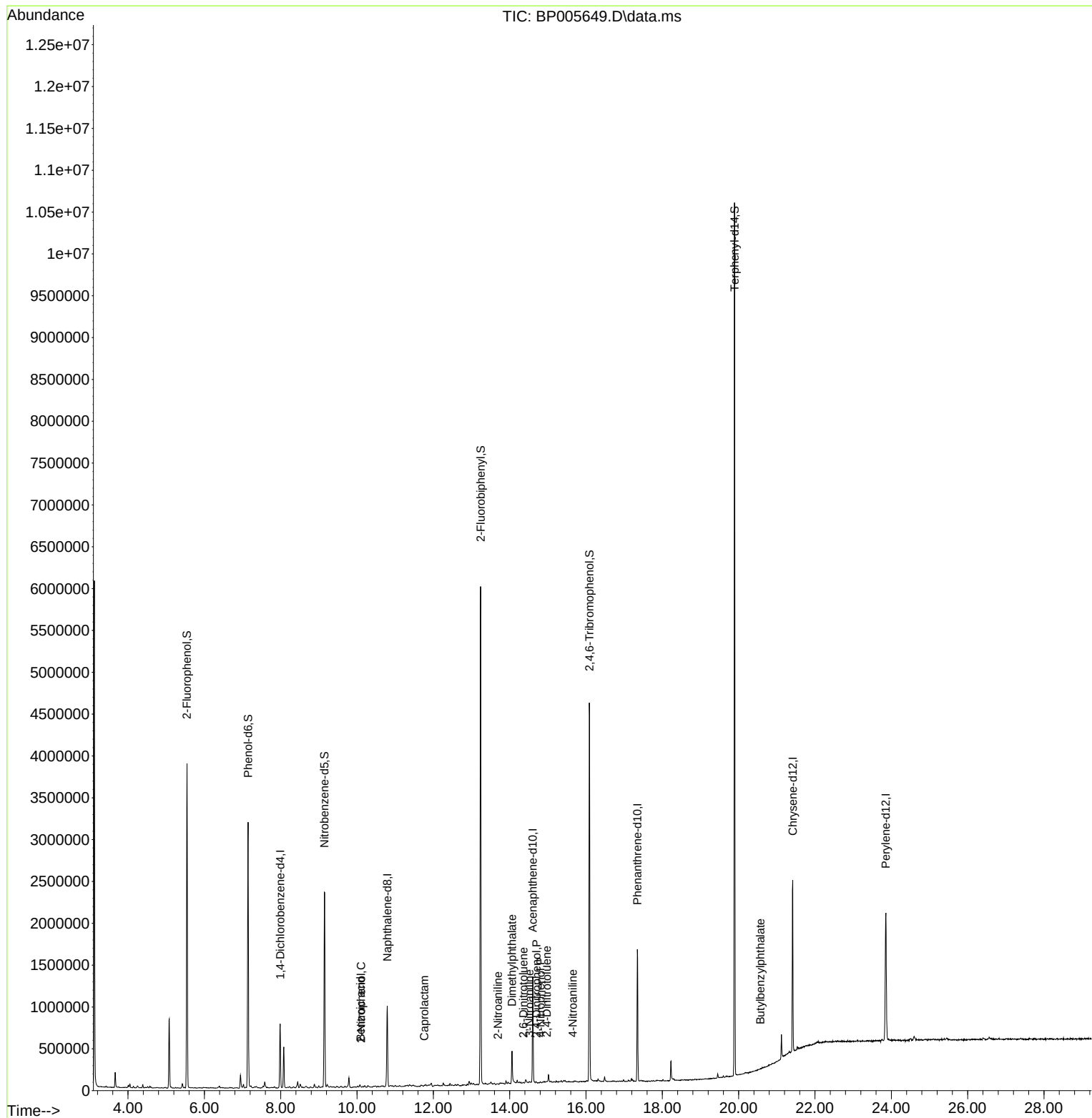
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.987	152	197120	20.00	ng	0.00
21) Naphthalene-d8	10.793	136	758749	20.00	ng	# 0.00
39) Acenaphthene-d10	14.604	164	451566	20.00	ng	0.00
64) Phenanthrene-d10	17.345	188	925805	20.00	ng	# 0.00
76) Chrysene-d12	21.415	240	1016165	20.00	ng	# 0.00
86) Perylene-d12	23.857	264	1153333	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.546	112	1604407	126.54	ng	0.00
7) Phenol-d6	7.146	99	1762868	101.99	ng	0.00
23) Nitrobenzene-d5	9.146	82	1372169	100.58	ng	0.00
42) 2,4,6-Tribromophenol	16.092	330	872765	150.73	ng	0.00
45) 2-Fluorobiphenyl	13.239	172	2992283	87.70	ng	0.00
79) Terphenyl-d14	19.892	244	4606171	85.06	ng	0.00
Target Compounds						Qvalue
26) 2-Nitrophenol	10.110	139	168	4.18	ng	92
32) Benzoic acid	10.093	122	97	5.03	ng	# 15
35) Caprolactam	11.763	113	6870	2.01	ng	# 54
48) 2-Nitroaniline	13.692	65	392	4.54	ng	# 59
50) Dimethylphthalate	14.063	163	251394	7.00	ng	99
51) 2,6-Dinitrotoluene	14.363	165	172	5.08	ng	91
53) 3-Nitroaniline	14.516	138	89	3.66	ng	# 13
54) 2,4-Dinitrophenol	14.704	184	79	6.55	ng	# 75
56) 4-Nitrophenol	14.810	139	1033	3.89	ng	# 69
57) 2,4-Dinitrotoluene	14.975	165	648	4.32	ng	# 43
62) 4-Nitroaniline	15.657	138	145	3.65	ng	# 43
80) Butylbenzylphthalate	20.568	149	2538	4.21	ng	94

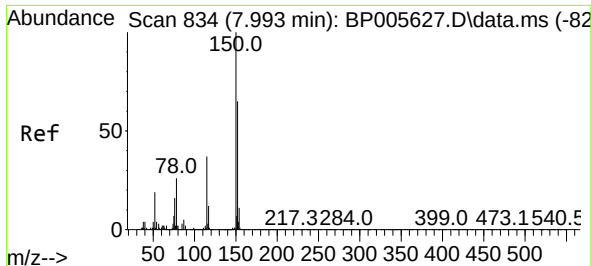
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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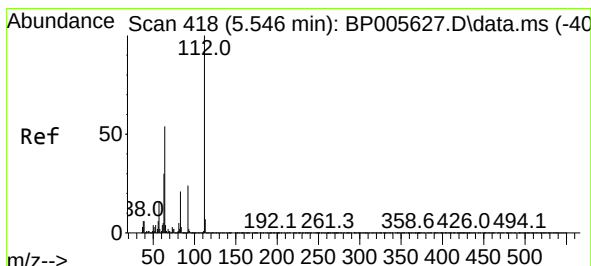
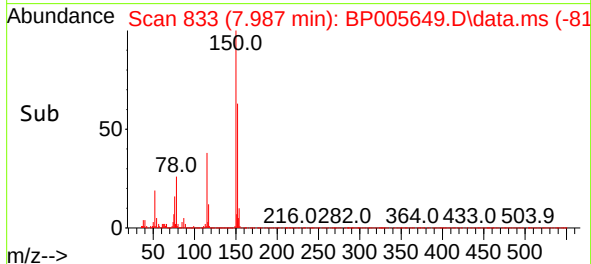
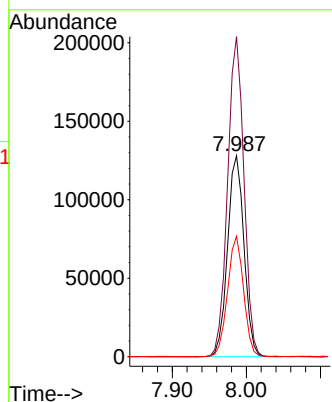
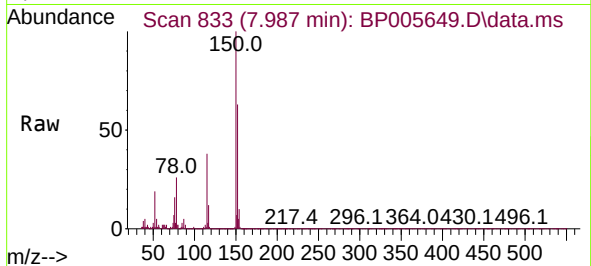




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.987 min Scan# 833
Delta R.T. -0.006 min
Lab File: BP005649.D
Acq: 28 May 2021 20:53

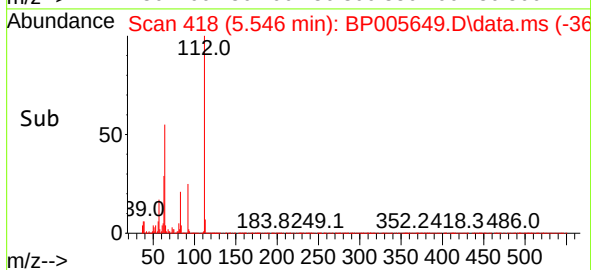
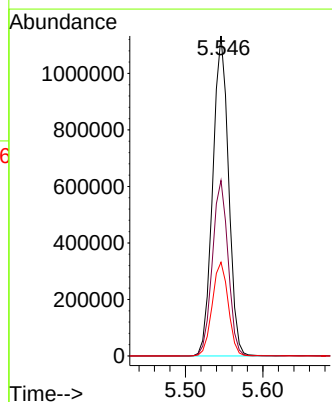
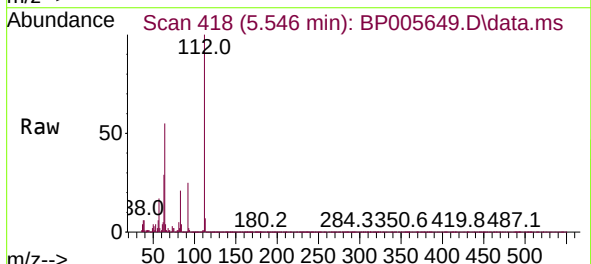
Instrument :
BNA_P
ClientSampleId :
MW-8B

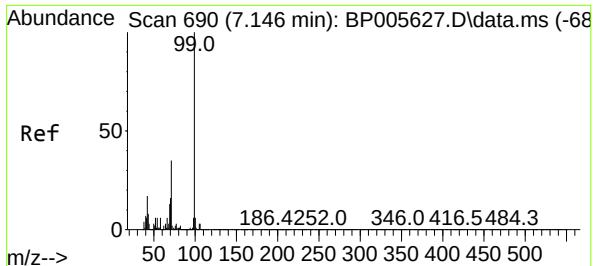
Tgt Ion:152 Resp: 197120
Ion Ratio Lower Upper
152 100
150 159.3 119.8 179.8
115 59.9 49.0 73.4



#5
2-Fluorophenol
Concen: 126.54 ng
RT: 5.546 min Scan# 418
Delta R.T. -0.000 min
Lab File: BP005649.D
Acq: 28 May 2021 20:53

Tgt Ion:112 Resp: 1604407
Ion Ratio Lower Upper
112 100
64 54.9 33.6 50.4#
63 29.3 18.6 27.8#



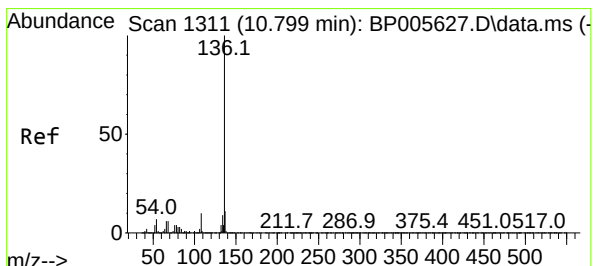
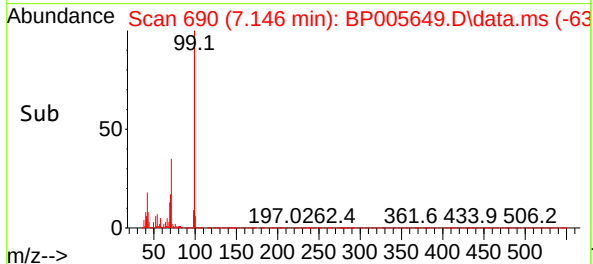
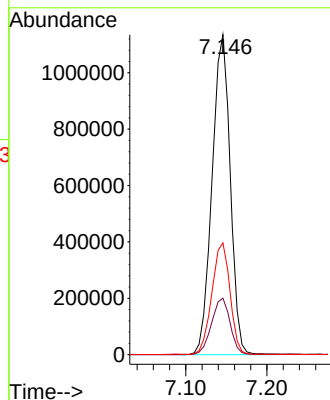
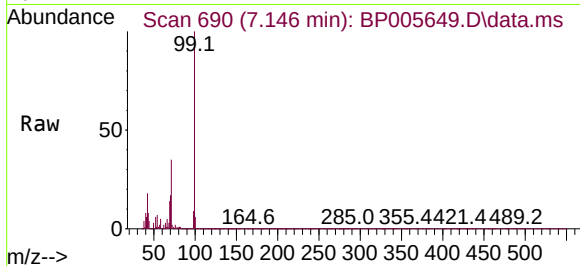


#7
Phenol-d6
Concen: 101.99 ng
RT: 7.146 min Scan# 690
Delta R.T. -0.000 min
Lab File: BP005649.D
Acq: 28 May 2021 20:53

Instrument :
BNA_P
ClientSampleId :
MW-8B

Tgt Ion: 99 Resp: 1762868

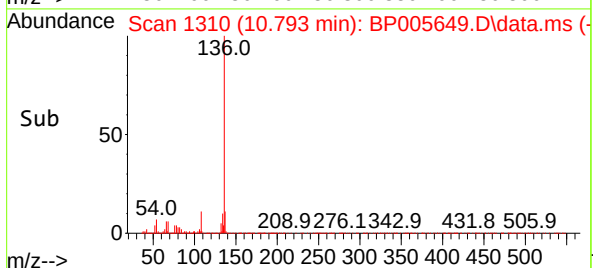
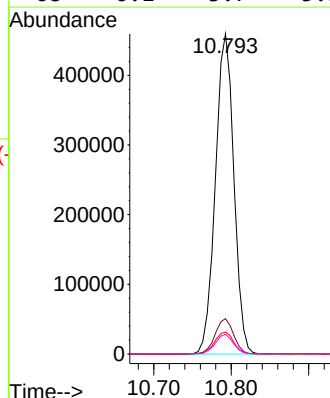
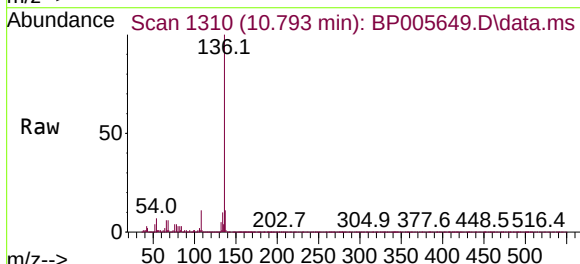
Ion	Ratio	Lower	Upper
99	100		
42	17.6	12.9	19.3
71	35.0	26.7	40.1

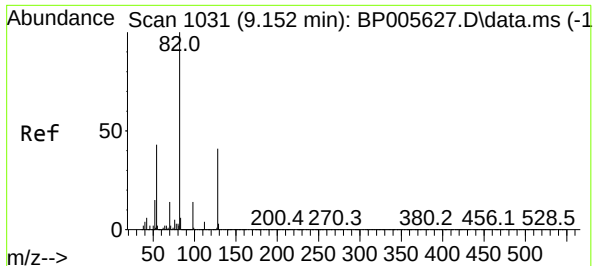


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.793 min Scan# 1310
Delta R.T. -0.006 min
Lab File: BP005649.D
Acq: 28 May 2021 20:53

Tgt Ion:136 Resp: 758749

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	6.8	5.0	7.4
68	6.1	3.7	5.5



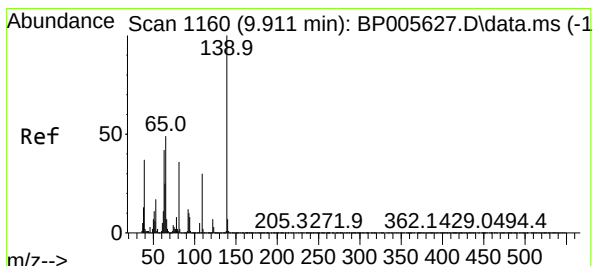
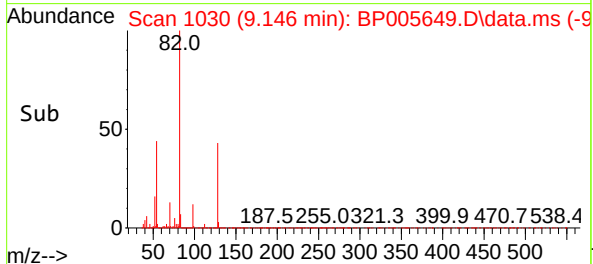
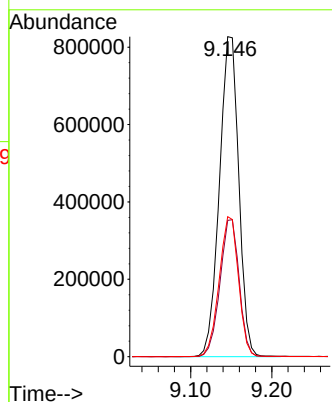
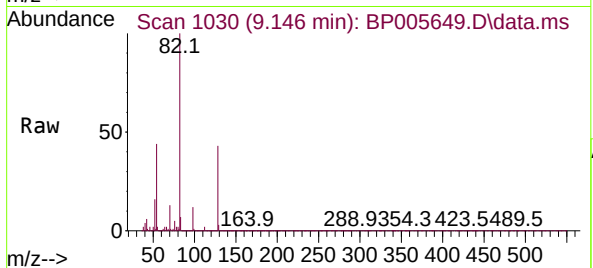


#23
Nitrobenzene-d5
Concen: 100.58 ng
RT: 9.146 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BP005649.D
Acq: 28 May 2021 20:53

Instrument :
BNA_P
ClientSampleId :
MW-8B

Tgt Ion: 82 Resp: 1372169

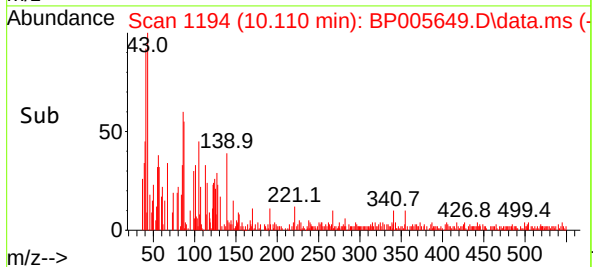
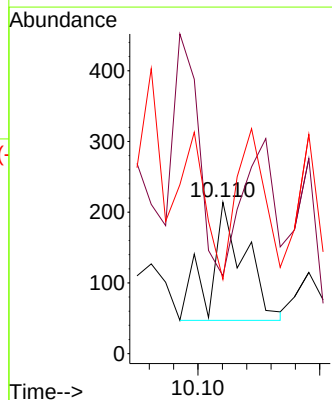
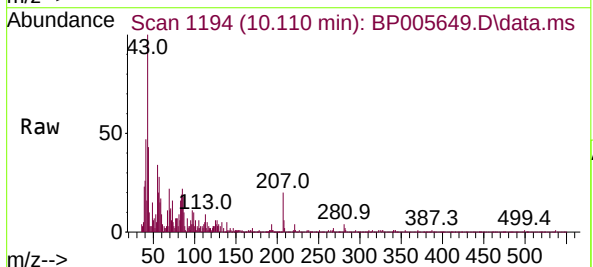
Ion	Ratio	Lower	Upper
82	100		
128	42.6	30.5	45.7
54	43.8	33.9	50.9

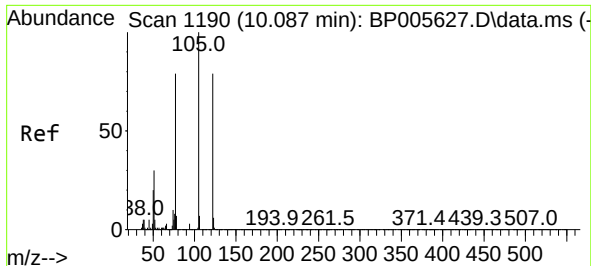


#26
2-Nitrophenol
Concen: 4.18 ng
RT: 10.110 min Scan# 1194
Delta R.T. 0.199 min
Lab File: BP005649.D
Acq: 28 May 2021 20:53

Tgt Ion:139 Resp: 168

Ion	Ratio	Lower	Upper
139	100		
109	51.4	40.7	61.1
65	49.1	47.8	71.6

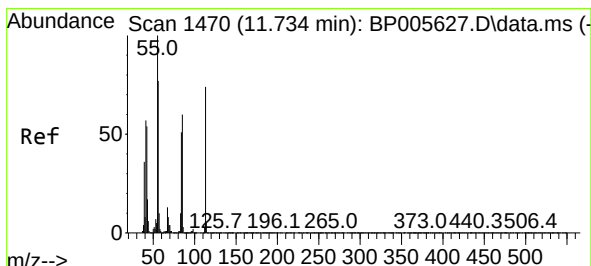
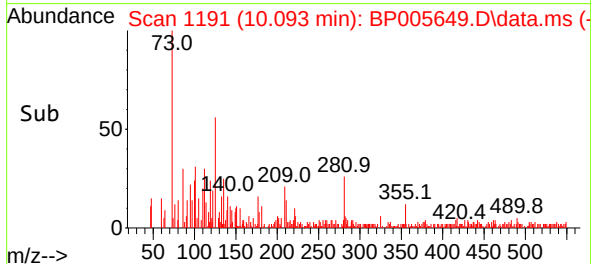
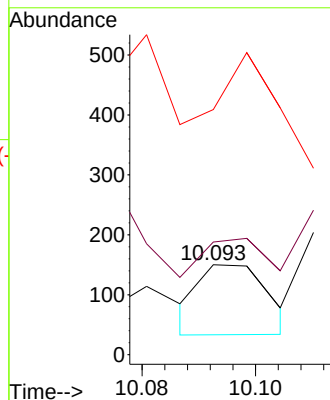
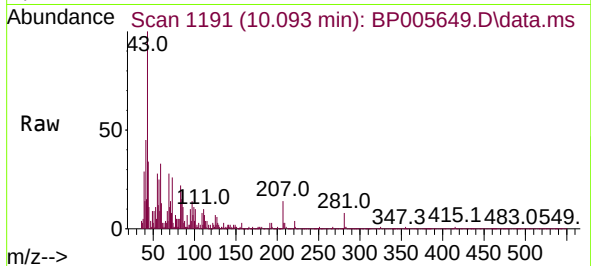




#32
Benzoic acid
Concen: 5.03 ng
RT: 10.093 min Scan# 1191
Delta R.T. 0.006 min
Lab File: BP005649.D
Acq: 28 May 2021 20:53

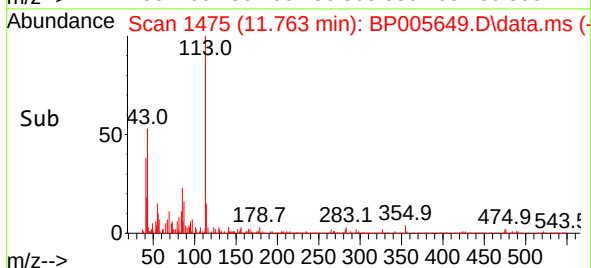
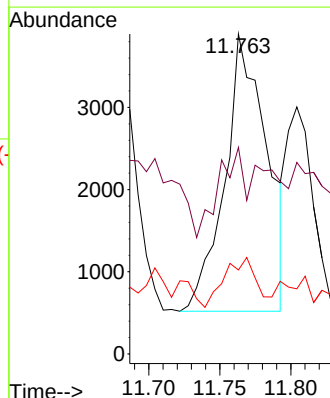
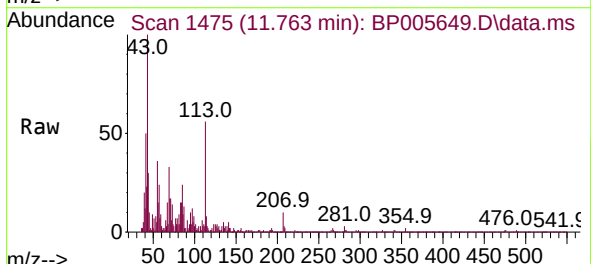
Instrument :
BNA_P
ClientSampleId :
MW-8B

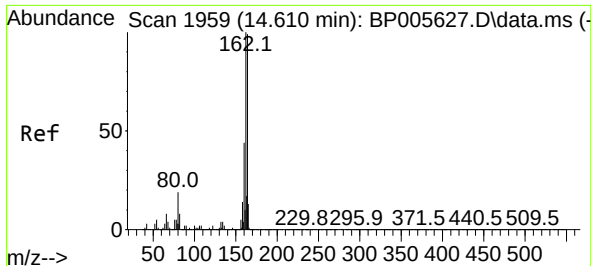
Tgt Ion:122 Resp: 97
Ion Ratio Lower Upper
122 100
105 132.7 105.1 145.1
77 272.7 69.6 109.6#



#35
Caprolactam
Concen: 2.01 ng
RT: 11.763 min Scan# 1475
Delta R.T. 0.029 min
Lab File: BP005649.D
Acq: 28 May 2021 20:53

Tgt Ion:113 Resp: 6870
Ion Ratio Lower Upper
113 100
55 64.5 72.0 112.0#
56 26.2 65.1 105.1#

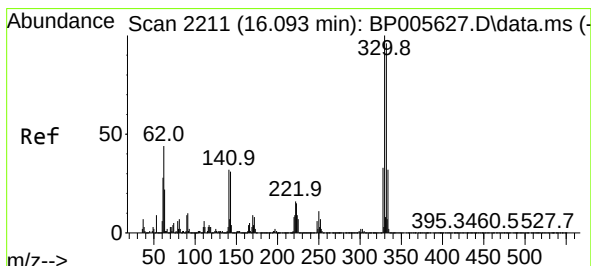
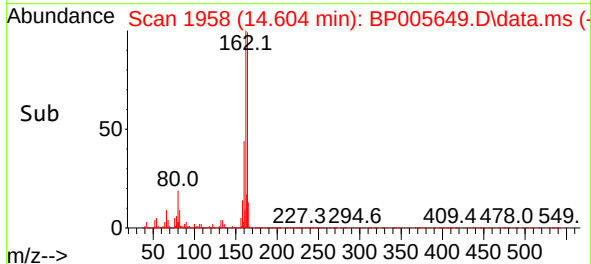
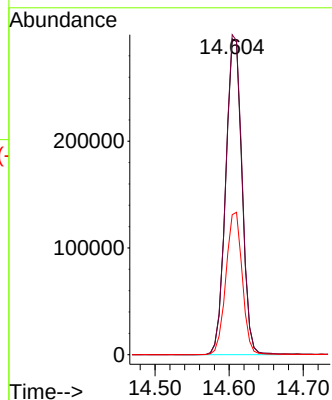
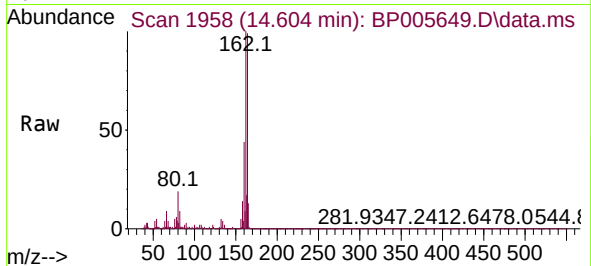




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.604 min Scan# 1958
Delta R.T. -0.006 min
Lab File: BP005649.D
Acq: 28 May 2021 20:53

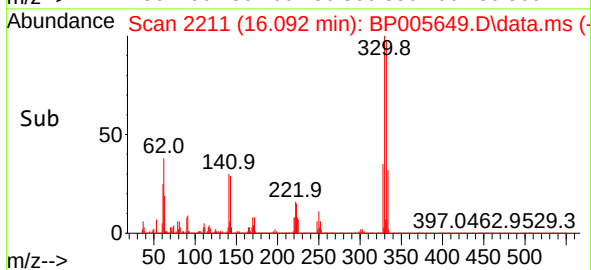
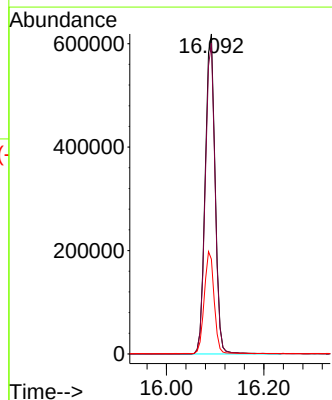
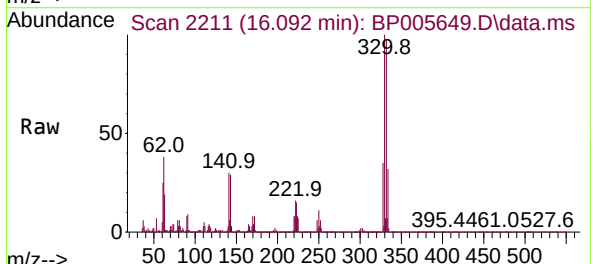
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ClientSampleId :
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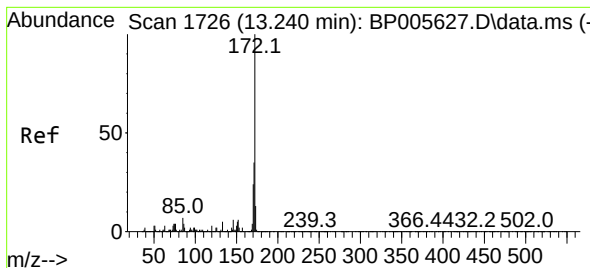
Tgt Ion:164 Resp: 451566
Ion Ratio Lower Upper
164 100
162 101.3 73.5 110.3
160 44.3 40.6 61.0



#42
2,4,6-Tribromophenol
Concen: 150.73 ng
RT: 16.092 min Scan# 2211
Delta R.T. -0.000 min
Lab File: BP005649.D
Acq: 28 May 2021 20:53

Tgt Ion:330 Resp: 872765
Ion Ratio Lower Upper
330 100
332 96.1 76.3 114.5
141 31.7 22.8 34.2

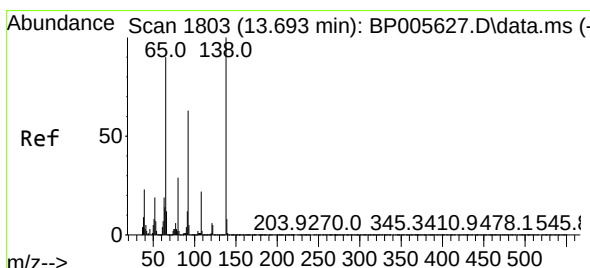
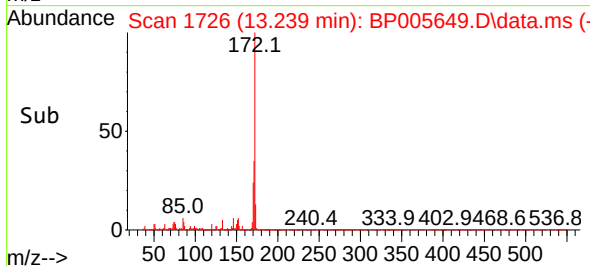
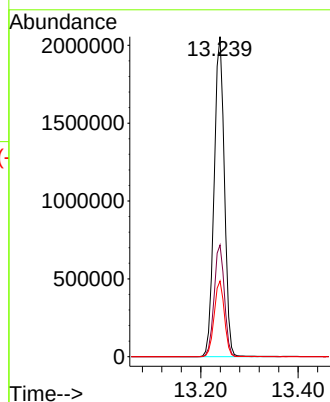
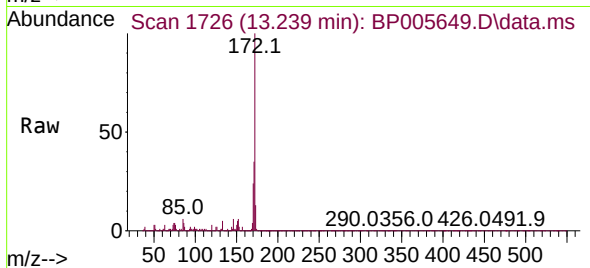




#45
2-Fluorobiphenyl
Concen: 87.70 ng
RT: 13.239 min Scan# 1726
Delta R.T. -0.000 min
Lab File: BP005649.D
Acq: 28 May 2021 20:53

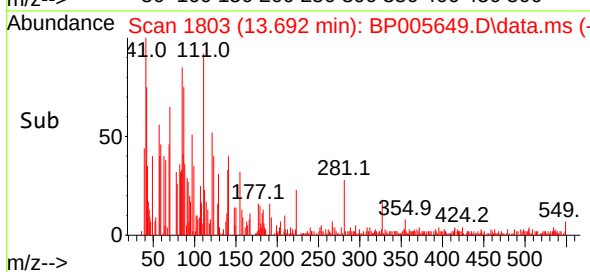
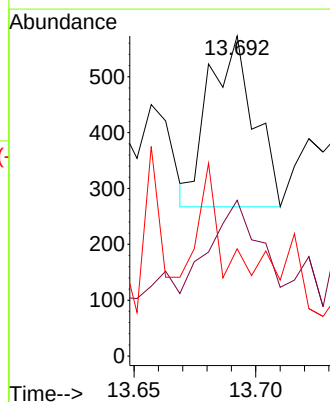
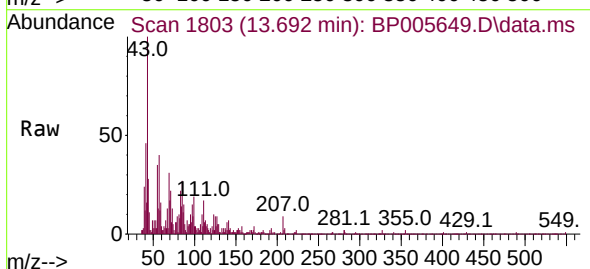
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ClientSampled :
MW-8B

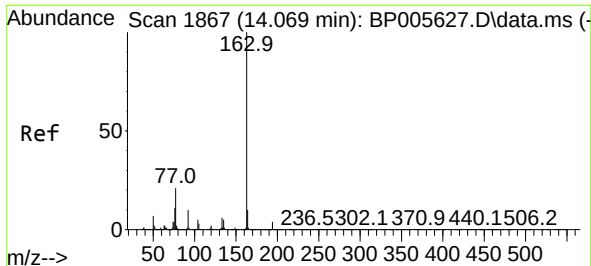
Tgt Ion:172 Resp: 2992283
Ion Ratio Lower Upper
172 100
171 34.9 28.1 42.1
170 23.7 19.6 29.4



#48
2-Nitroaniline
Concen: 4.54 ng
RT: 13.692 min Scan# 1803
Delta R.T. -0.001 min
Lab File: BP005649.D
Acq: 28 May 2021 20:53

Tgt Ion: 65 Resp: 392
Ion Ratio Lower Upper
65 100
92 48.7 48.8 73.2#
138 33.5 69.5 104.3#

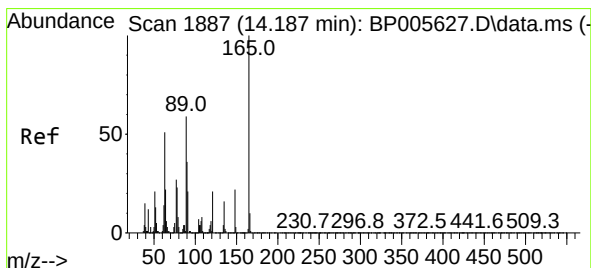
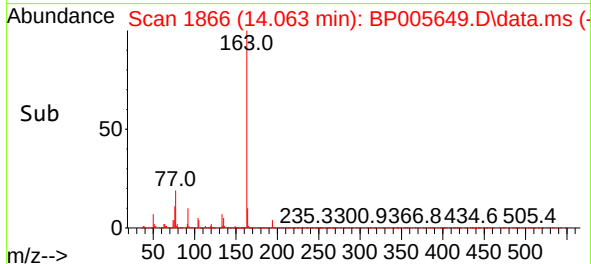
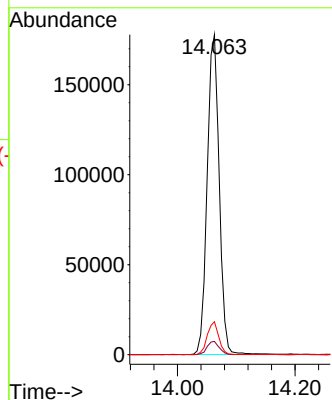
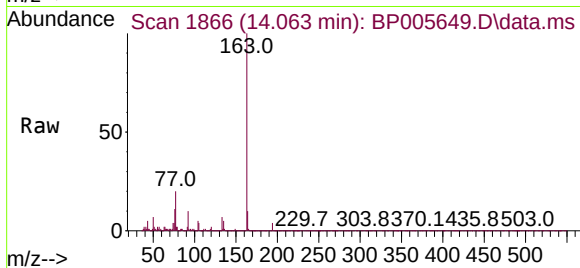




#50
Dimethylphthalate
Concen: 7.00 ng
RT: 14.063 min Scan# 1866
Delta R.T. -0.006 min
Lab File: BP005649.D
Acq: 28 May 2021 20:53

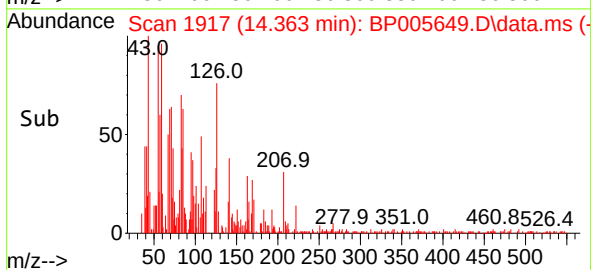
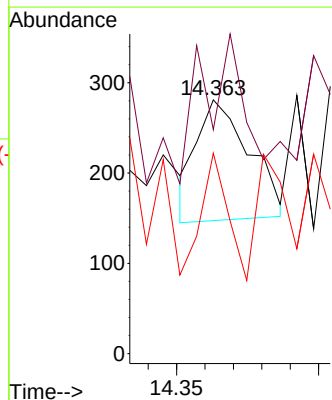
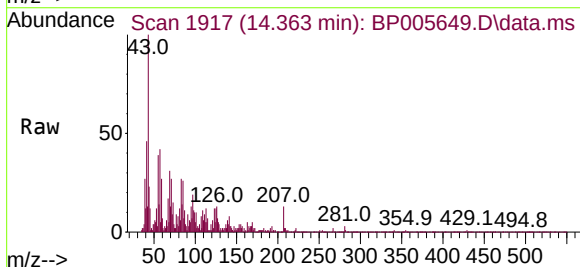
Instrument :
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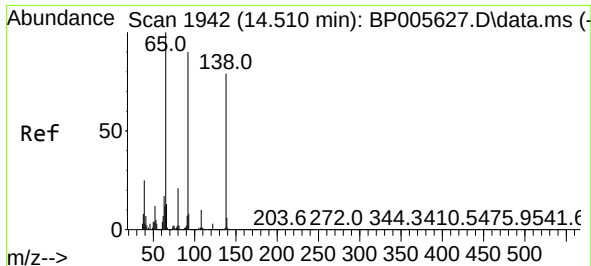
Tgt Ion:163 Resp: 251394
Ion Ratio Lower Upper
163 100
194 4.1 3.9 5.9
164 10.3 8.1 12.1



#51
2,6-Dinitrotoluene
Concen: 5.08 ng
RT: 14.363 min Scan# 1917
Delta R.T. 0.176 min
Lab File: BP005649.D
Acq: 28 May 2021 20:53

Tgt Ion:165 Resp: 172
Ion Ratio Lower Upper
165 100
63 88.3 67.4 101.0
89 79.0 73.8 110.6

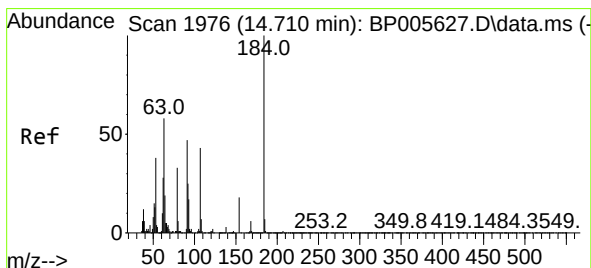
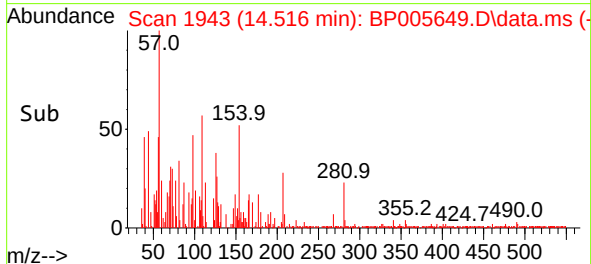
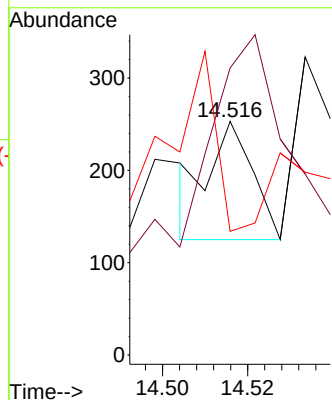
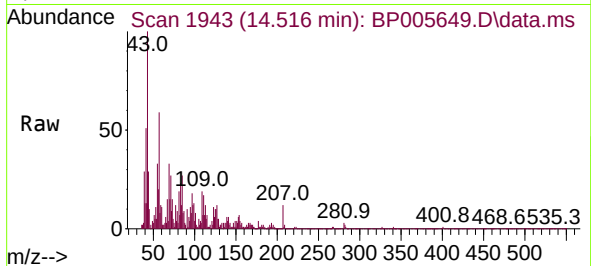




#53
3-Nitroaniline
Concen: 3.66 ng
RT: 14.516 min Scan# 1943
Delta R.T. 0.006 min
Lab File: BP005649.D
Acq: 28 May 2021 20:53

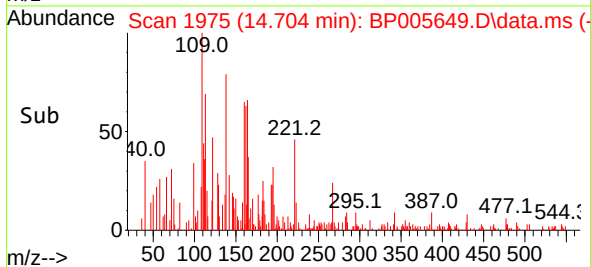
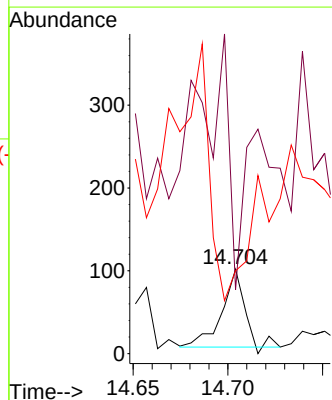
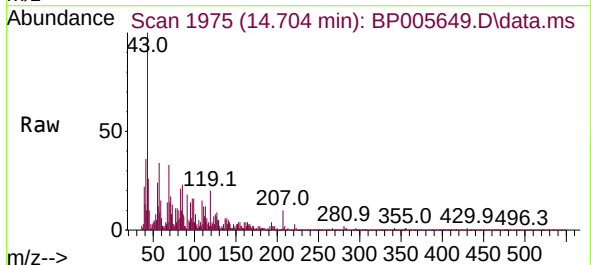
Instrument :
BNA_P
ClientSampled :
MW-8B

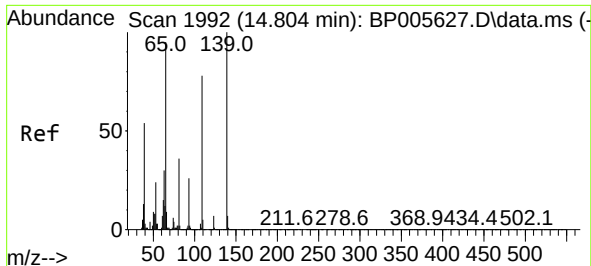
Tgt Ion:138 Resp: 89
Ion Ratio Lower Upper
138 100
108 122.9 10.2 15.4#
92 53.0 108.1 162.1#



#54
2,4-Dinitrophenol
Concen: 6.55 ng
RT: 14.704 min Scan# 1975
Delta R.T. -0.006 min
Lab File: BP005649.D
Acq: 28 May 2021 20:53

Tgt Ion:184 Resp: 79
Ion Ratio Lower Upper
184 100
63 75.5 51.2 76.8
154 98.0 55.8 83.8#

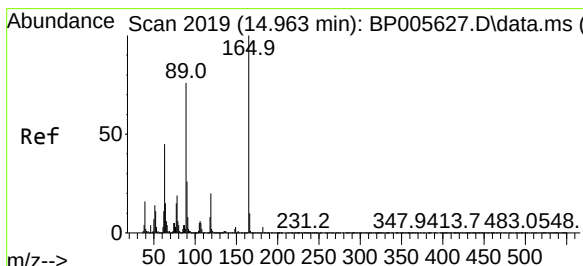
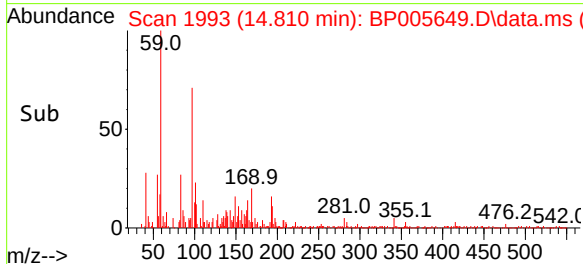
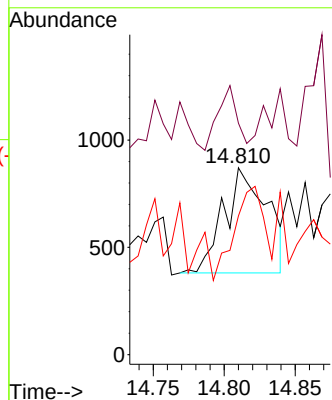
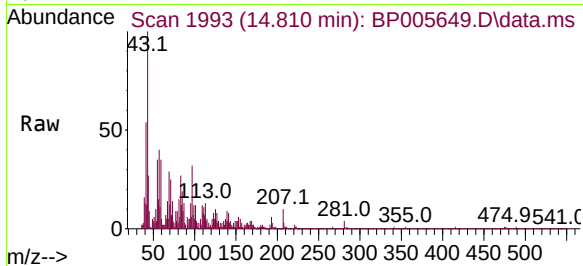




#56
4-Nitrophenol
Concen: 3.89 ng
RT: 14.810 min Scan# 1993
Delta R.T. 0.006 min
Lab File: BP005649.D
Acq: 28 May 2021 20:53

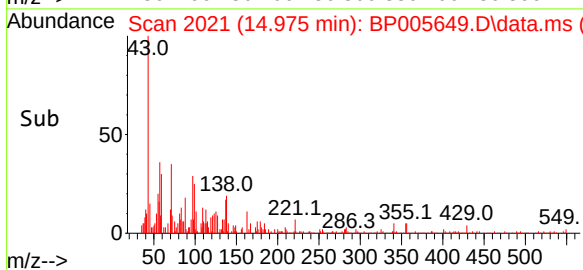
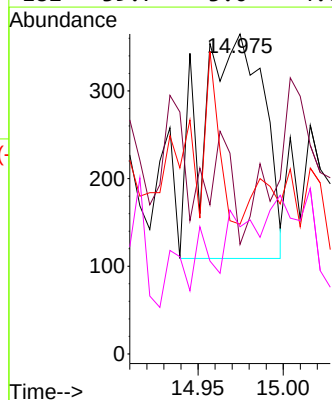
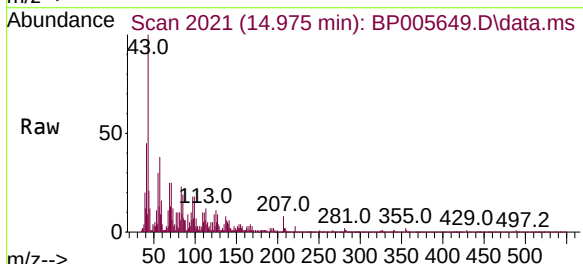
Instrument :
BNA_P
ClientSampleId :
MW-8B

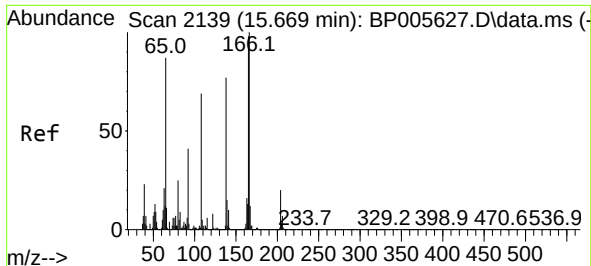
Tgt Ion:139 Resp: 1033
Ion Ratio Lower Upper
139 100
109 123.9 122.8 162.8
65 74.2 110.0 150.0#



#57
2,4-Dinitrotoluene
Concen: 4.32 ng
RT: 14.975 min Scan# 2021
Delta R.T. 0.012 min
Lab File: BP005649.D
Acq: 28 May 2021 20:53

Tgt Ion:165 Resp: 648
Ion Ratio Lower Upper
165 100
63 34.2 56.7 85.1#
89 40.5 85.8 128.6#
182 39.7 3.0 4.6#

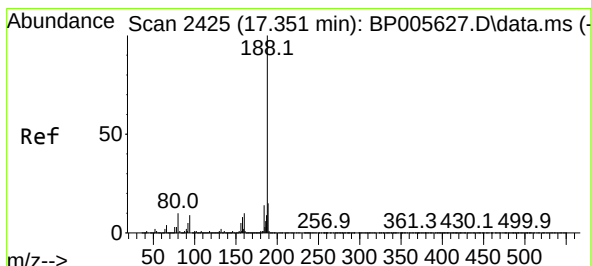
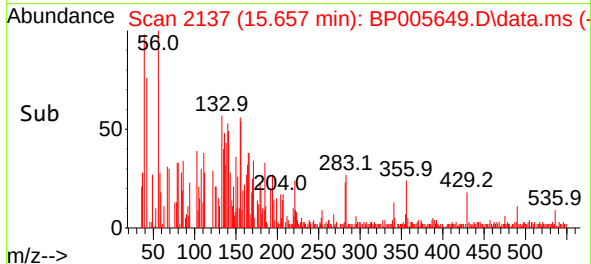
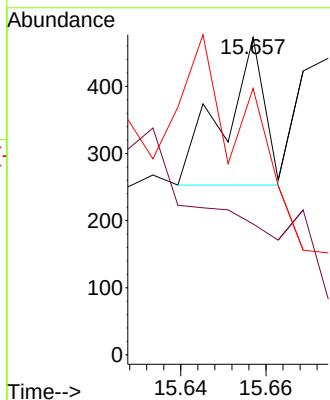
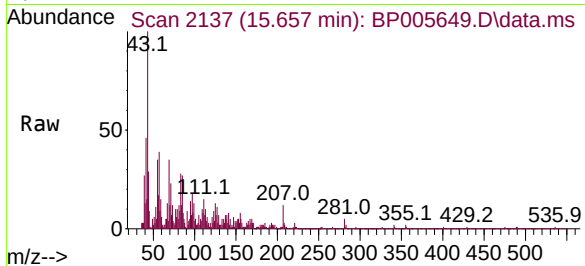




#62
4-Nitroaniline
Concen: 3.65 ng
RT: 15.657 min Scan# 2137
Delta R.T. -0.012 min
Lab File: BP005649.D
Acq: 28 May 2021 20:53

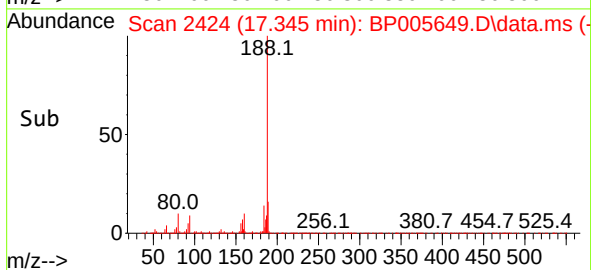
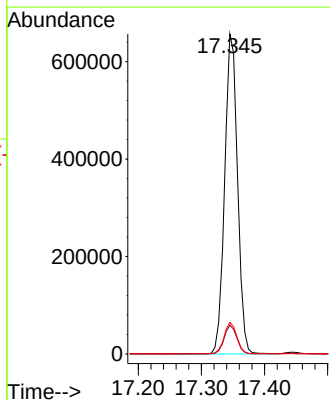
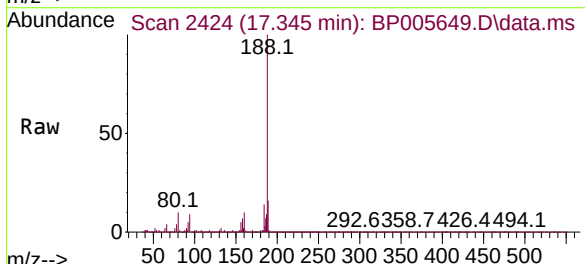
Instrument :
BNA_P
ClientSampleId :
MW-8B

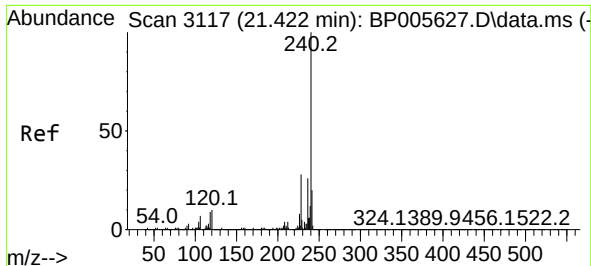
Tgt Ion:138 Resp: 145
Ion Ratio Lower Upper
138 100
92 41.2 50.9 90.9#
108 83.9 154.7 194.7#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.345 min Scan# 2424
Delta R.T. -0.006 min
Lab File: BP005649.D
Acq: 28 May 2021 20:53

Tgt Ion:188 Resp: 925805
Ion Ratio Lower Upper
188 100
94 9.0 5.0 7.6#
80 9.8 5.9 8.9#

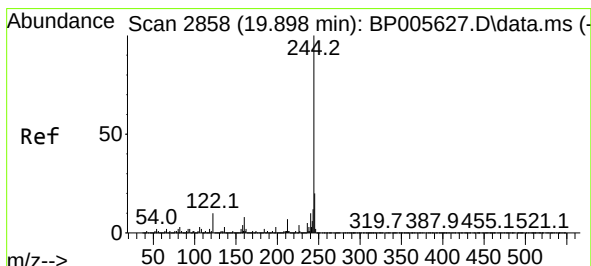
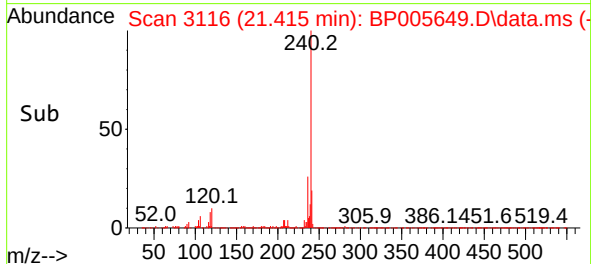
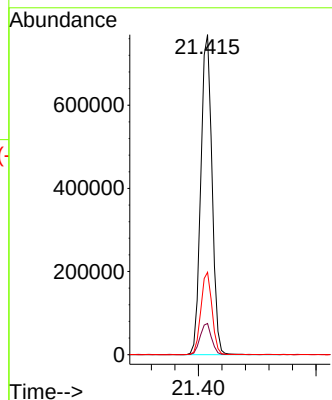
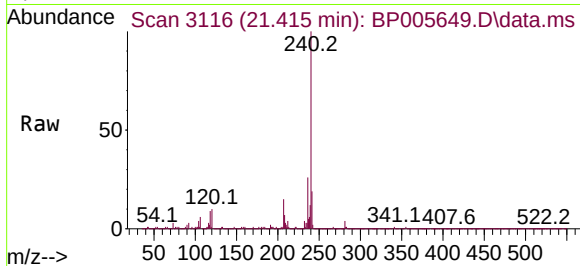




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.415 min Scan# 3116
Delta R.T. -0.007 min
Lab File: BP005649.D
Acq: 28 May 2021 20:53

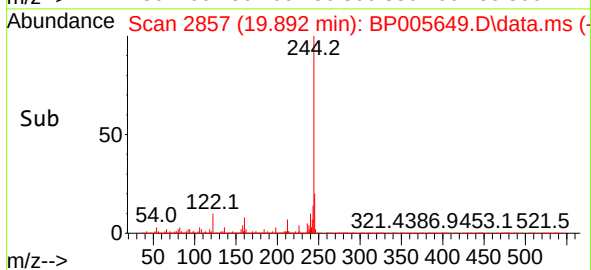
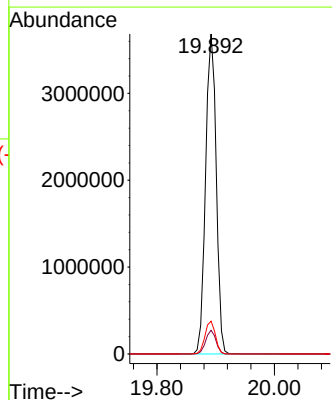
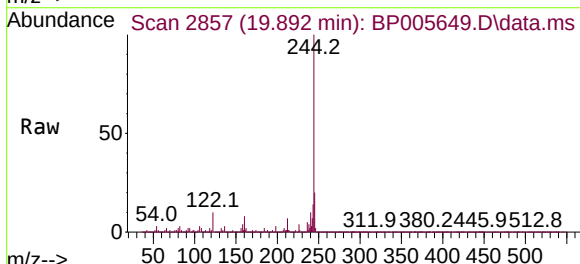
Instrument :
BNA_P
ClientSampleId :
MW-8B

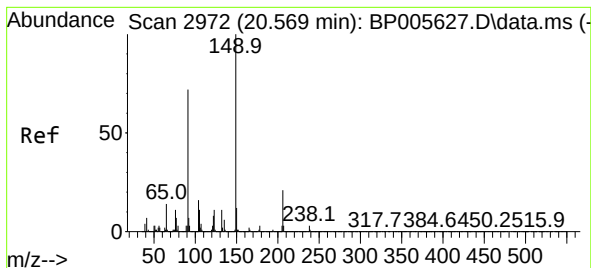
Tgt Ion:240 Resp: 1016165
Ion Ratio Lower Upper
240 100
120 9.7 4.2 6.2#
236 25.8 20.2 30.2



#79
Terphenyl-d14
Concen: 85.06 ng
RT: 19.892 min Scan# 2857
Delta R.T. -0.006 min
Lab File: BP005649.D
Acq: 28 May 2021 20:53

Tgt Ion:244 Resp: 4606171
Ion Ratio Lower Upper
244 100
212 7.4 5.8 8.6
122 10.3 5.2 7.8#

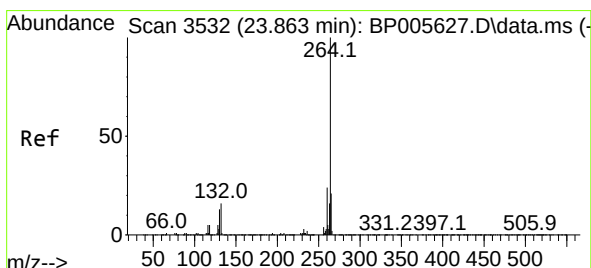
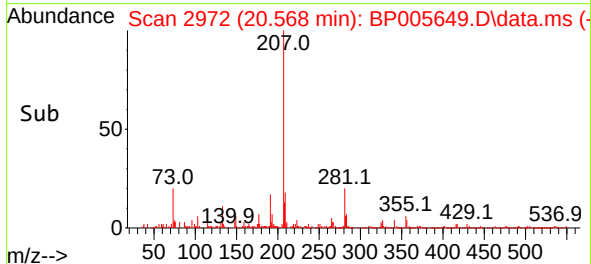
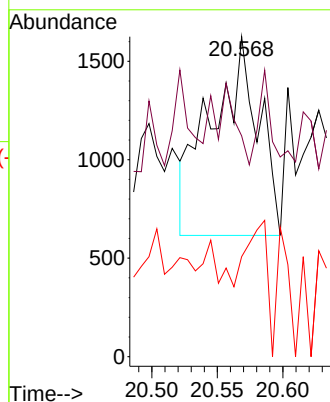
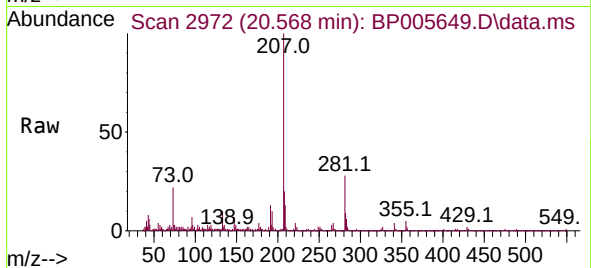




#80
Butylbenzylphthalate
Concen: 4.21 ng
RT: 20.568 min Scan# 2972
Delta R.T. -0.001 min
Lab File: BP005649.D
Acq: 28 May 2021 20:53

Instrument :
BNA_P
ClientSampleId :
MW-8B

Tgt Ion:149 Resp: 2538
Ion Ratio Lower Upper
149 100
91 69.0 60.2 90.4
206 31.3 23.9 35.9



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.857 min Scan# 3531
Delta R.T. -0.006 min
Lab File: BP005649.D
Acq: 28 May 2021 20:53

Tgt Ion:264 Resp: 1153333
Ion Ratio Lower Upper
264 100
260 23.9 20.6 30.8
265 22.2 19.0 28.6

