

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060121\
 Data File : BP005659.D
 Acq On : 01 Jun 2021 17:02
 Operator : CG/JU
 Sample : M2571-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SA-1

Quant Time: Jun 01 17:53:32 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)

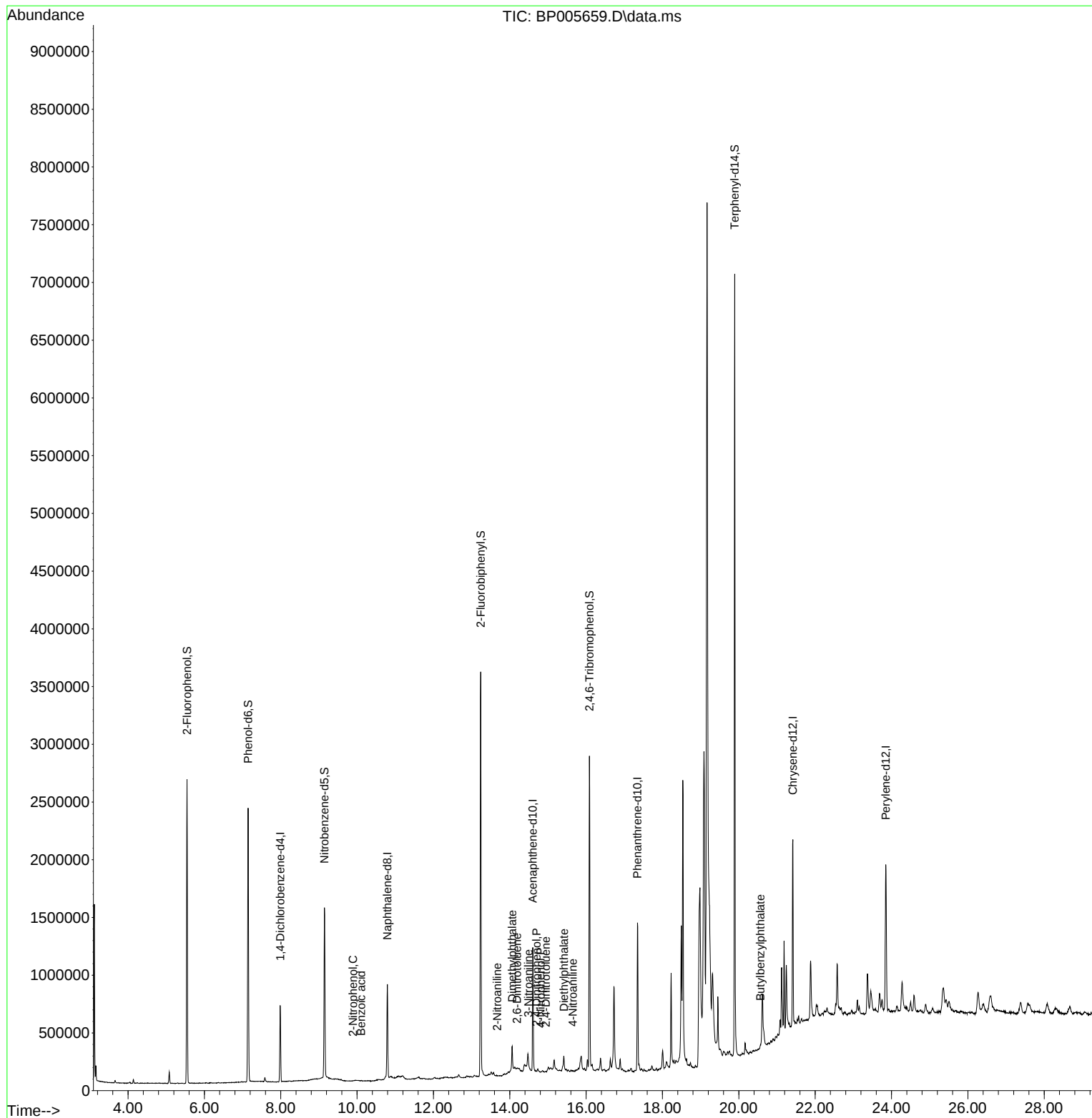
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.987	152	171772	20.00	ng	0.00
21) Naphthalene-d8	10.793	136	640120	20.00	ng	# 0.00
39) Acenaphthene-d10	14.604	164	376332	20.00	ng	0.00
64) Phenanthrene-d10	17.345	188	756071	20.00	ng	# 0.00
76) Chrysene-d12	21.416	240	785828	20.00	ng	# 0.00
86) Perylene-d12	23.851	264	966917	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.546	112	1074220	97.23	ng	0.00
7) Phenol-d6	7.146	99	1290121	85.66	ng	0.00
23) Nitrobenzene-d5	9.146	82	844529	73.37	ng	0.00
42) 2,4,6-Tribromophenol	16.087	330	540817	112.07	ng	0.00
45) 2-Fluorobiphenyl	13.240	172	1762814	61.99	ng	0.00
79) Terphenyl-d14	19.892	244	2759268	65.89	ng	0.00
Target Compounds						Qvalue
26) 2-Nitrophenol	9.893	139	135	4.18	ng	# 1
32) Benzoic acid	10.110	122	390	5.08	ng	# 34
48) 2-Nitroaniline	13.669	65	1274	4.68	ng	# 49
50) Dimethylphthalate	14.063	163	130654	4.36	ng	98
51) 2,6-Dinitrotoluene	14.187	165	215	5.09	ng	91
53) 3-Nitroaniline	14.492	138	397	3.71	ng	# 36
54) 2,4-Dinitrophenol	14.704	184	151	6.58	ng	# 1
56) 4-Nitrophenol	14.804	139	944	3.91	ng	# 73
57) 2,4-Dinitrotoluene	14.945	165	609	4.33	ng	# 69
60) Diethylphthalate	15.416	149	79476	2.65	ng	97
62) 4-Nitroaniline	15.651	138	562	3.71	ng	# 49
80) Butylbenzylphthalate	20.563	149	5117	4.34	ng	# 79

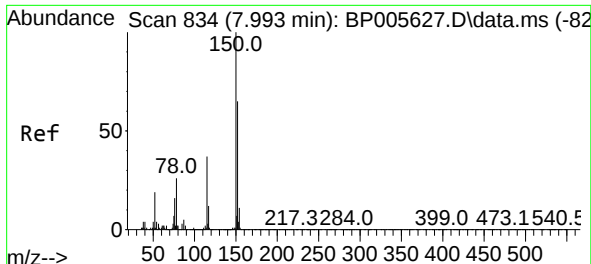
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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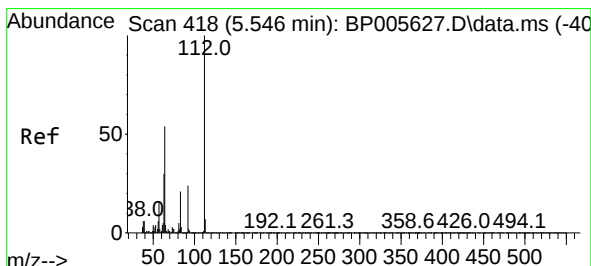
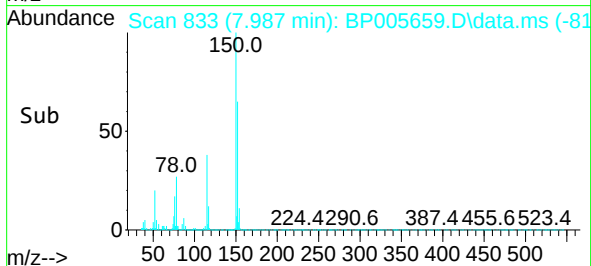
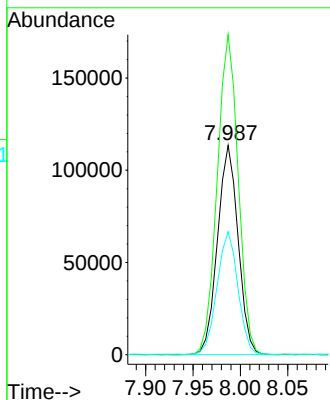
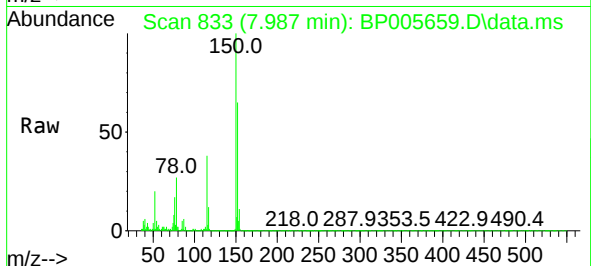


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.987 min Scan# 833
 Delta R.T. -0.006 min
 Lab File: BP005659.D
 Acq: 01 Jun 2021 17:02

Instrument :
 BNA_P
 ClientSampleId :
 SA-1

Tgt Ion:152 Resp: 171772

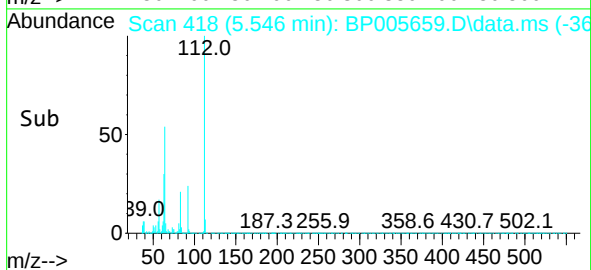
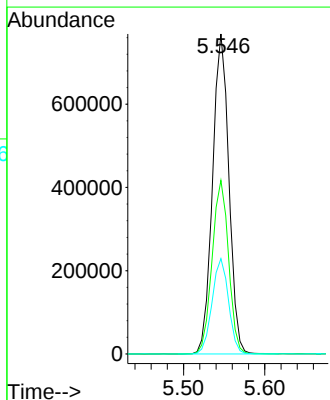
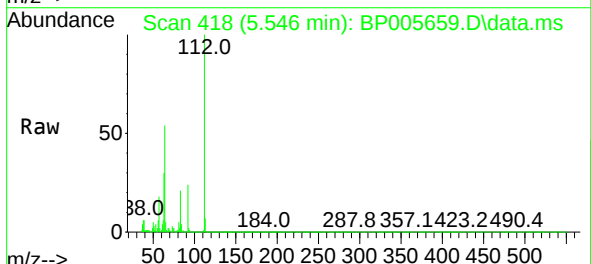
Ion	Ratio	Lower	Upper
152	100		
150	152.9	119.8	179.8
115	58.8	49.0	73.4

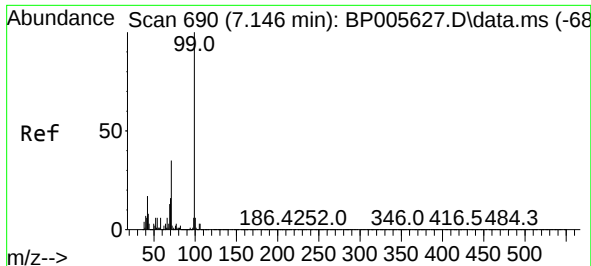


#5
 2-Fluorophenol
 Concen: 97.23 ng
 RT: 5.546 min Scan# 418
 Delta R.T. -0.000 min
 Lab File: BP005659.D
 Acq: 01 Jun 2021 17:02

Tgt Ion:112 Resp: 1074220

Ion	Ratio	Lower	Upper
112	100		
64	54.2	33.6	50.4#
63	29.8	18.6	27.8#

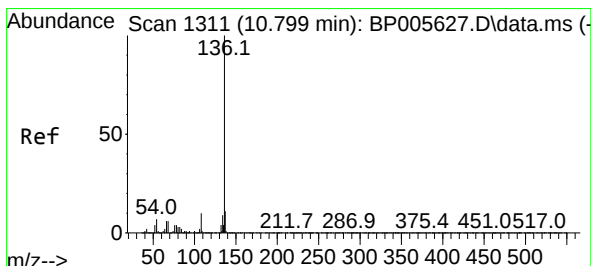
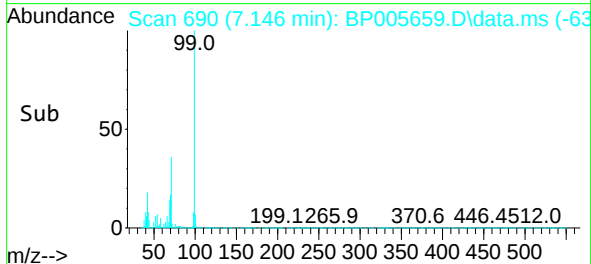
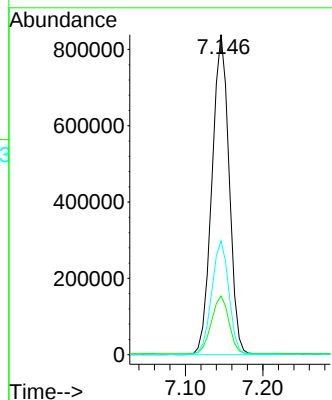
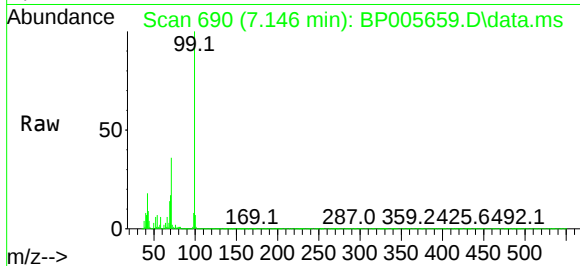




#7
Phenol-d6
Concen: 85.66 ng
RT: 7.146 min Scan# 690
Delta R.T. -0.000 min
Lab File: BP005659.D
Acq: 01 Jun 2021 17:02

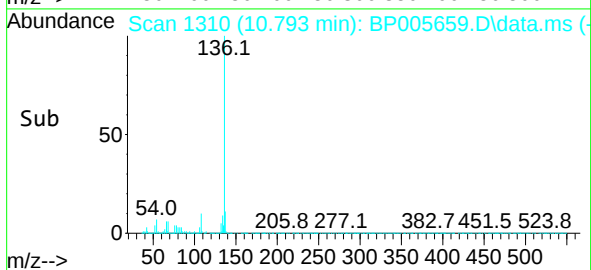
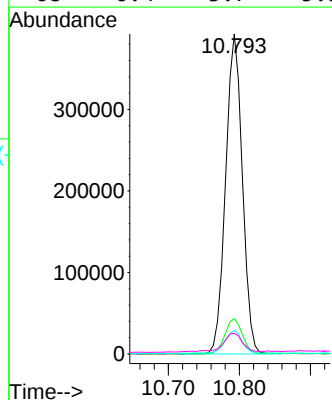
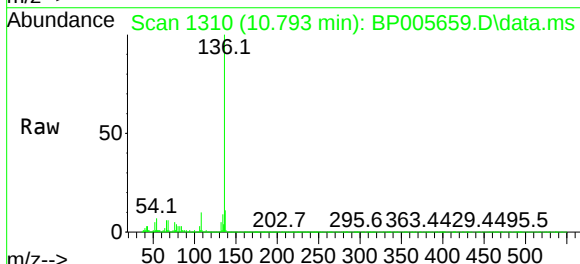
Instrument :
BNA_P
ClientSampled :
SA-1

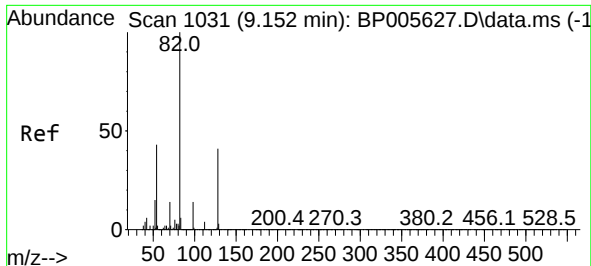
Tgt Ion: 99 Resp: 1290121
Ion Ratio Lower Upper
99 100
42 18.3 12.9 19.3
71 35.6 26.7 40.1



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.793 min Scan# 1310
Delta R.T. -0.006 min
Lab File: BP005659.D
Acq: 01 Jun 2021 17:02

Tgt Ion: 136 Resp: 640120
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 7.4 5.0 7.4
68 6.4 3.7 5.5#

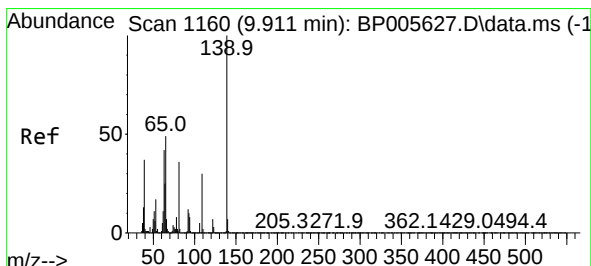
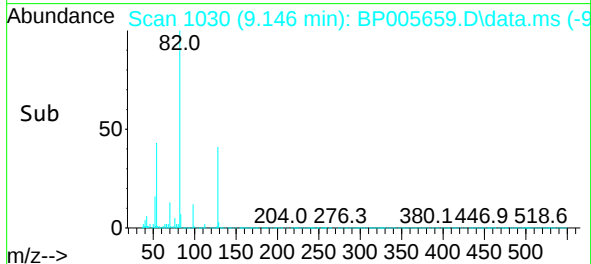
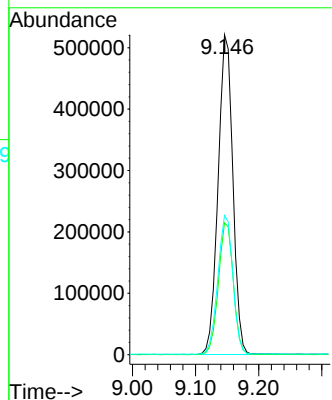
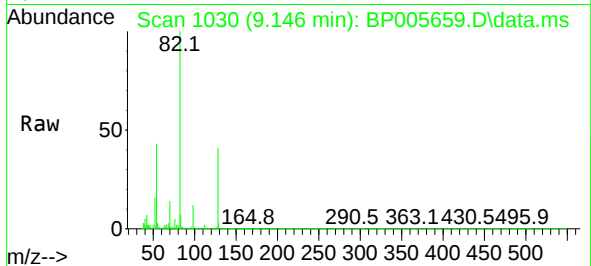




#23
Nitrobenzene-d5
Concen: 73.37 ng
RT: 9.146 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BP005659.D
Acq: 01 Jun 2021 17:02

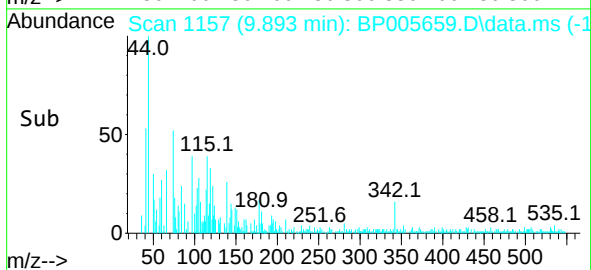
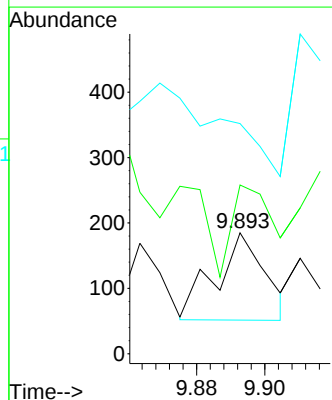
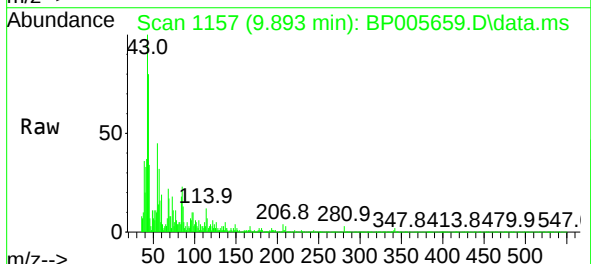
Instrument :
BNA_P
ClientSampleId :
SA-1

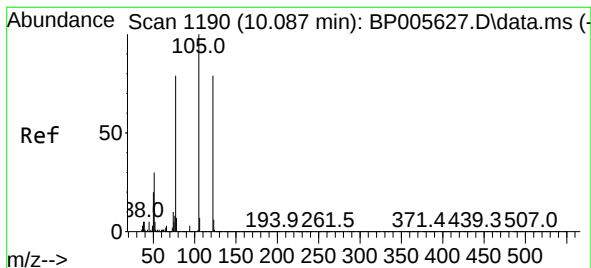
Tgt Ion: 82 Resp: 844529
Ion Ratio Lower Upper
82 100
128 41.2 30.5 45.7
54 43.5 33.9 50.9



#26
2-Nitrophenol
Concen: 4.18 ng
RT: 9.893 min Scan# 1157
Delta R.T. -0.018 min
Lab File: BP005659.D
Acq: 01 Jun 2021 17:02

Tgt Ion: 139 Resp: 135
Ion Ratio Lower Upper
139 100
109 139.5 40.7 61.1#
65 190.3 47.8 71.6#

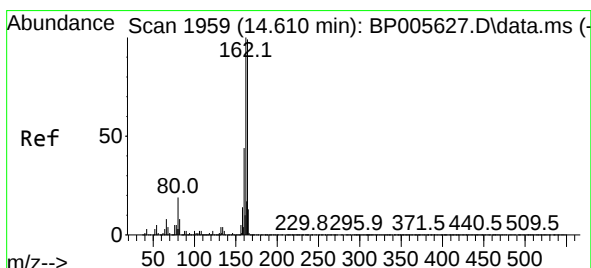
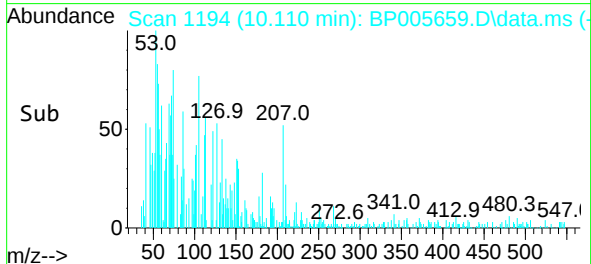
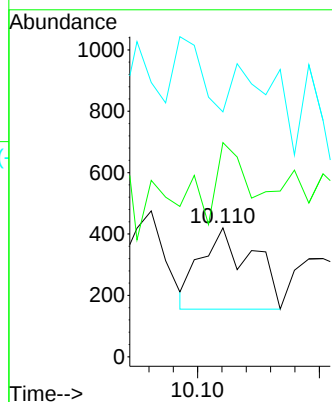
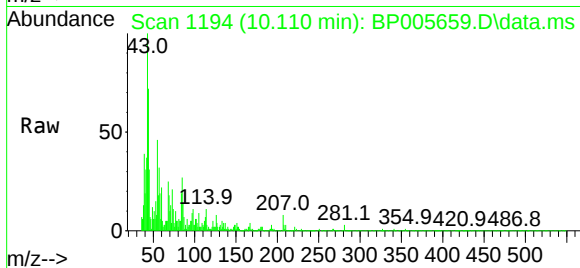




#32
Benzoic acid
Concen: 5.08 ng
RT: 10.110 min Scan# 1194
Delta R.T. 0.023 min
Lab File: BP005659.D
Acq: 01 Jun 2021 17:02

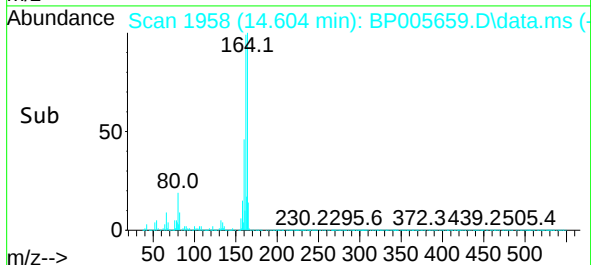
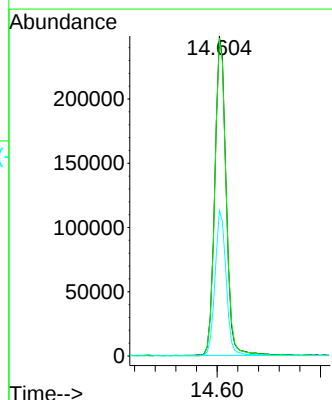
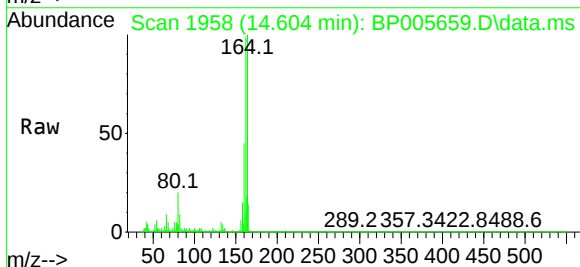
Instrument :
BNA_P
ClientSampleId :
SA-1

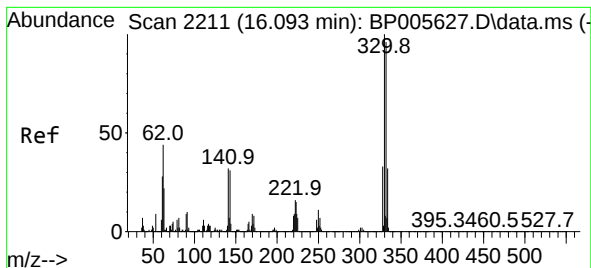
Tgt Ion:122 Resp: 390
Ion Ratio Lower Upper
122 100
105 166.2 105.1 145.1#
77 190.0 69.6 109.6#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.604 min Scan# 1958
Delta R.T. -0.006 min
Lab File: BP005659.D
Acq: 01 Jun 2021 17:02

Tgt Ion:164 Resp: 376332
Ion Ratio Lower Upper
164 100
162 99.2 73.5 110.3
160 45.5 40.6 61.0

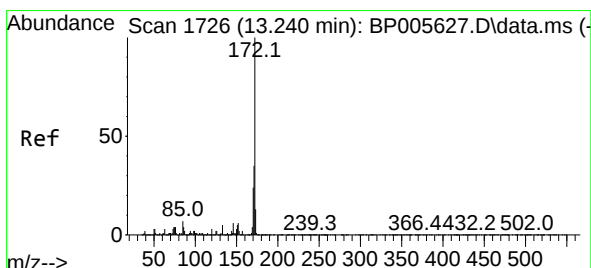
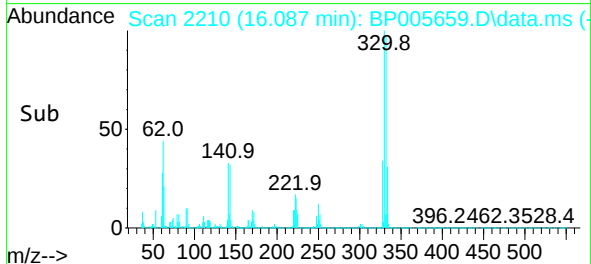
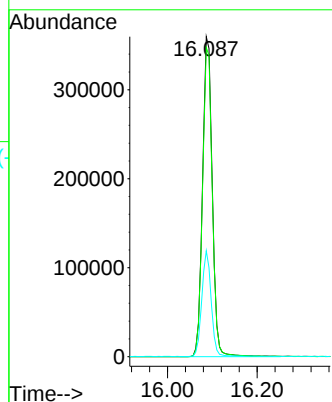
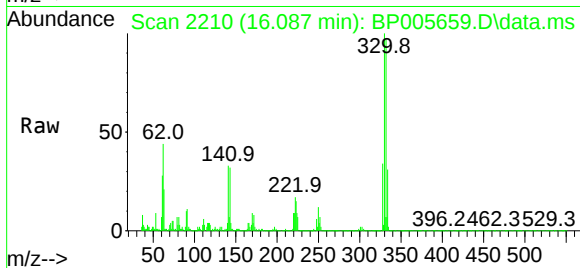




#42
2,4,6-Tribromophenol
Concen: 112.07 ng
RT: 16.087 min Scan# 2210
Delta R.T. -0.006 min
Lab File: BP005659.D
Acq: 01 Jun 2021 17:02

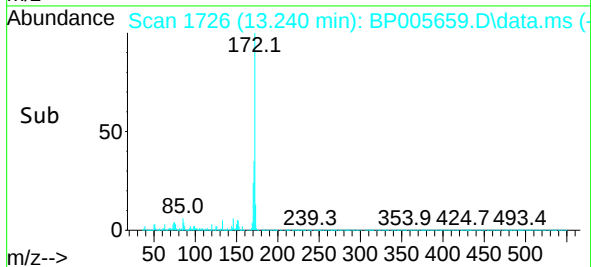
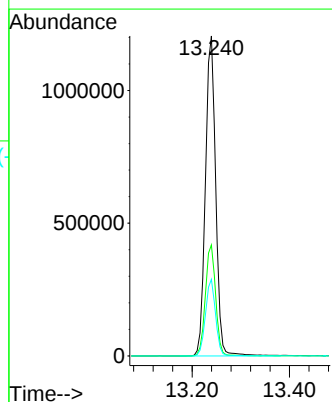
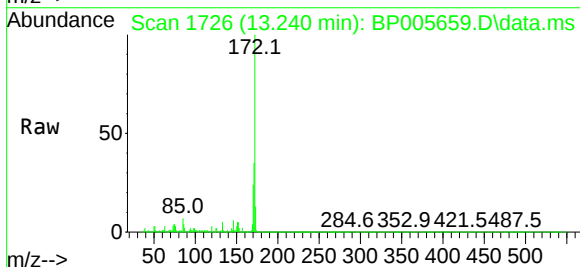
Instrument :
BNA_P
ClientSampleId :
SA-1

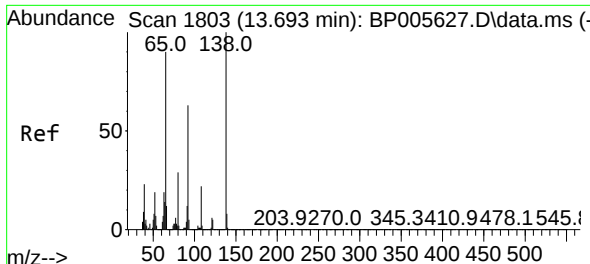
Tgt Ion:330 Resp: 540817
Ion Ratio Lower Upper
330 100
332 96.9 76.3 114.5
141 31.8 22.8 34.2



#45
2-Fluorobiphenyl
Concen: 61.99 ng
RT: 13.240 min Scan# 1726
Delta R.T. -0.000 min
Lab File: BP005659.D
Acq: 01 Jun 2021 17:02

Tgt Ion:172 Resp: 1762814
Ion Ratio Lower Upper
172 100
171 34.7 28.1 42.1
170 23.9 19.6 29.4

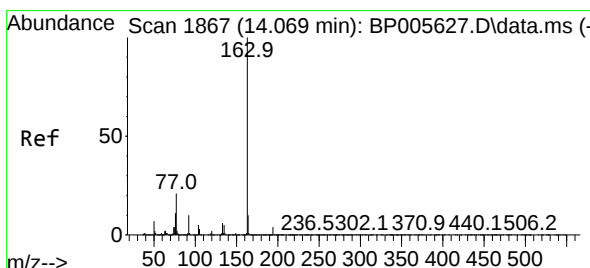
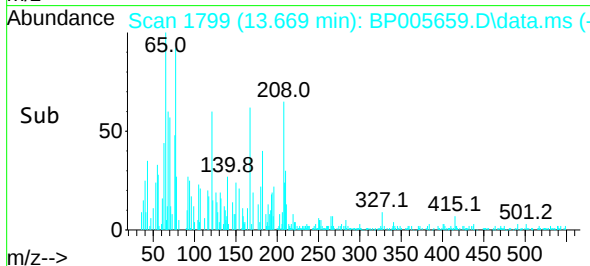
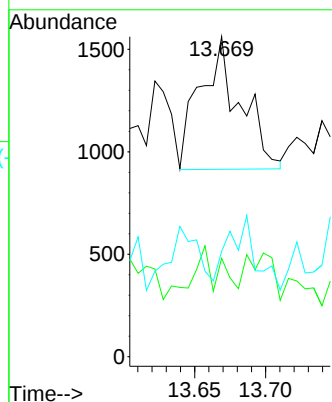
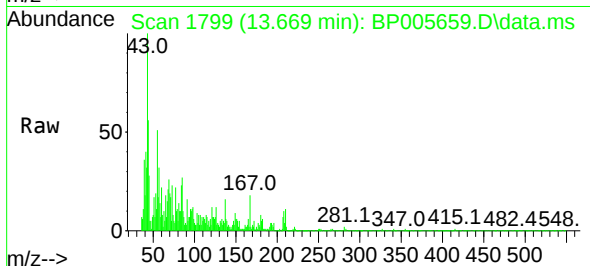




#48
2-Nitroaniline
Concen: 4.68 ng
RT: 13.669 min Scan# 1799
Delta R.T. -0.024 min
Lab File: BP005659.D
Acq: 01 Jun 2021 17:02

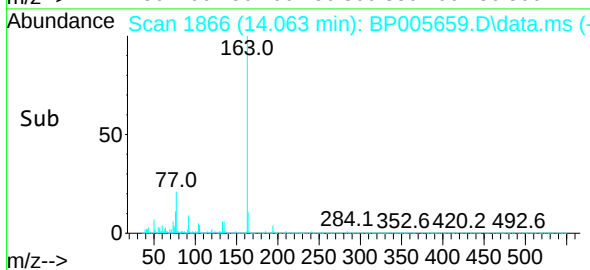
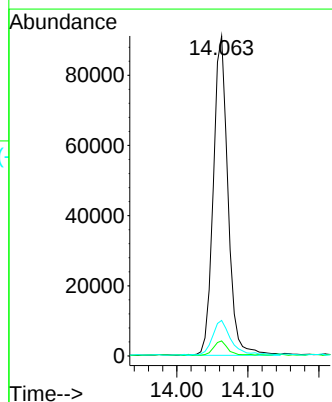
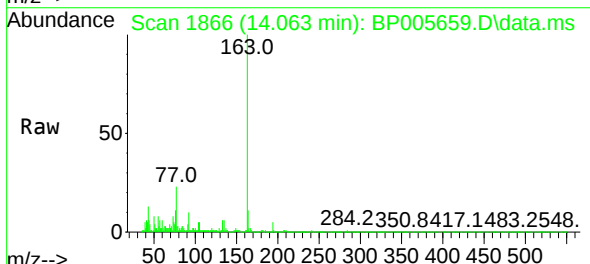
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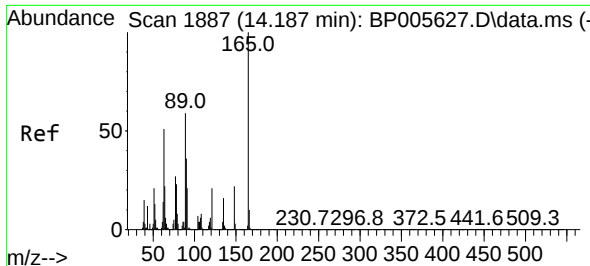
Tgt Ion: 65 Resp: 1274
Ion Ratio Lower Upper
65 100
92 30.7 48.8 73.2#
138 32.9 69.5 104.3#



#50
Dimethylphthalate
Concen: 4.36 ng
RT: 14.063 min Scan# 1866
Delta R.T. -0.006 min
Lab File: BP005659.D
Acq: 01 Jun 2021 17:02

Tgt Ion: 163 Resp: 130654
Ion Ratio Lower Upper
163 100
194 4.7 3.9 5.9
164 11.1 8.1 12.1

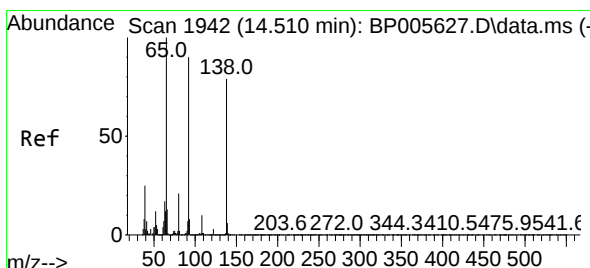
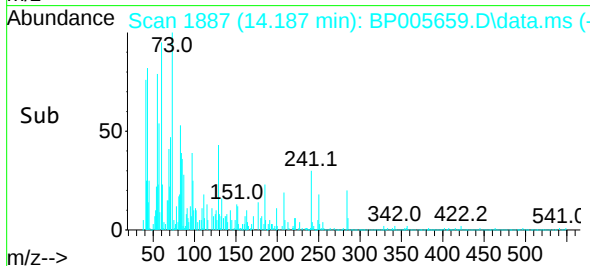
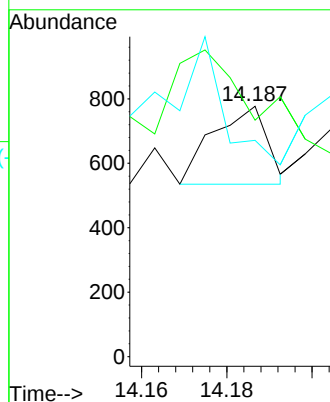
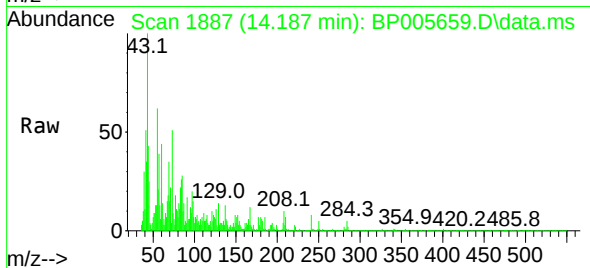




#51
2,6-Dinitrotoluene
Concen: 5.09 ng
RT: 14.187 min Scan# 1887
Delta R.T. -0.000 min
Lab File: BP005659.D
Acq: 01 Jun 2021 17:02

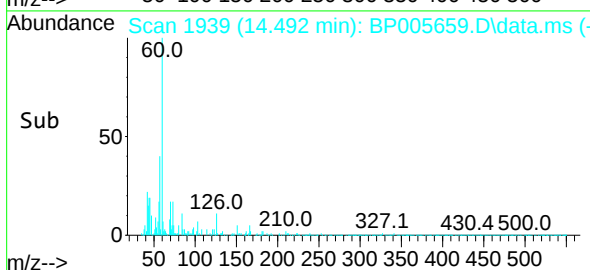
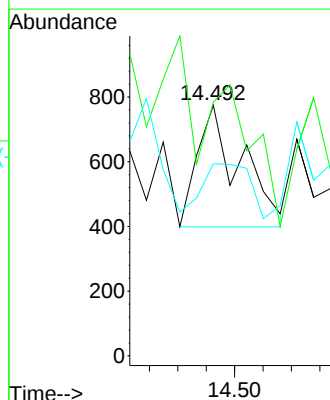
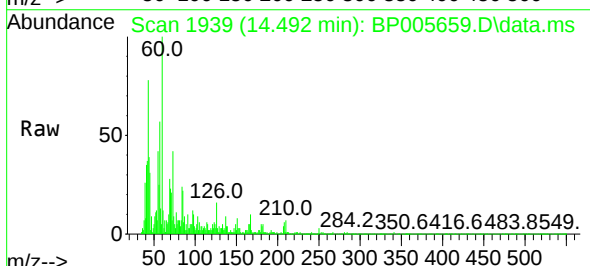
Instrument :
BNA_P
ClientSampled :
SA-1

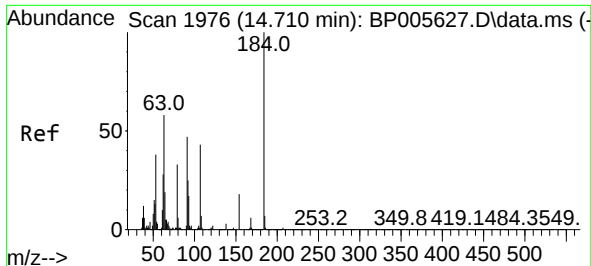
Tgt Ion:	165	Resp:	215
Ion	Ratio	Lower	Upper
165	100		
63	94.5	67.4	101.0
89	86.4	73.8	110.6



#53
3-Nitroaniline
Concen: 3.71 ng
RT: 14.492 min Scan# 1939
Delta R.T. -0.018 min
Lab File: BP005659.D
Acq: 01 Jun 2021 17:02

Tgt Ion:	138	Resp:	397
Ion	Ratio	Lower	Upper
138	100		
108	101.2	10.2	15.4#
92	76.6	108.1	162.1#

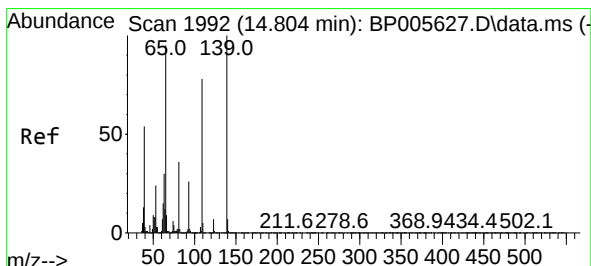
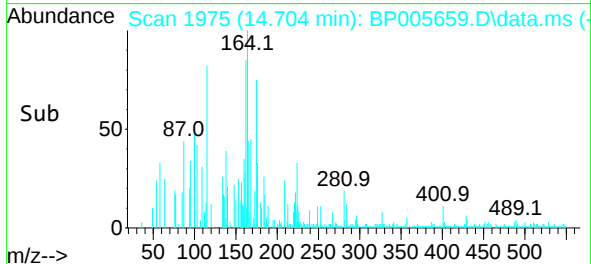
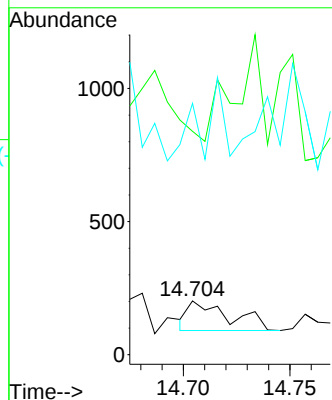
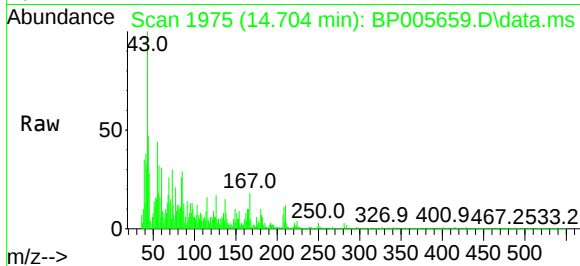




#54
2,4-Dinitrophenol
Concen: 6.58 ng
RT: 14.704 min Scan# 1975
Delta R.T. -0.006 min
Lab File: BP005659.D
Acq: 01 Jun 2021 17:02

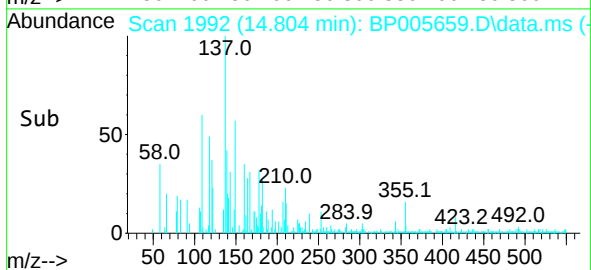
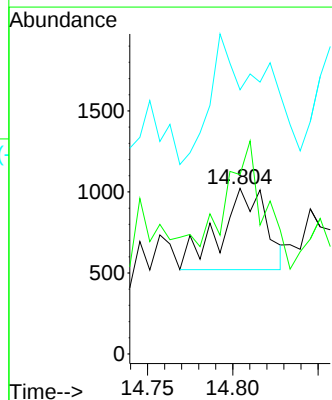
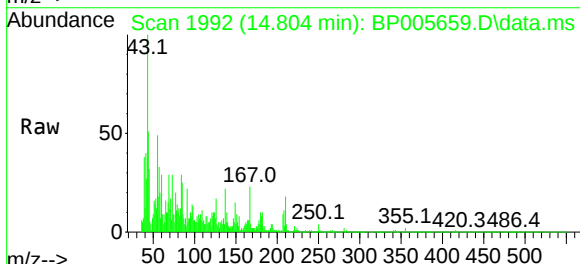
Instrument :
BNA_P
ClientSampleId :
SA-1

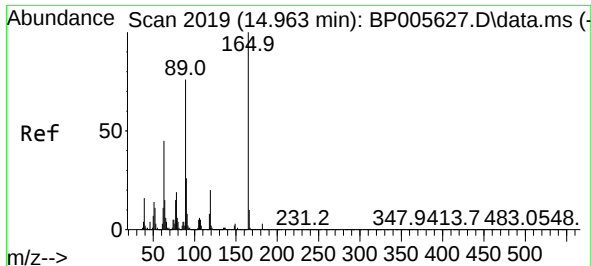
Tgt Ion:184 Resp: 151
Ion Ratio Lower Upper
184 100
63 415.3 51.2 76.8#
154 467.3 55.8 83.8#



#56
4-Nitrophenol
Concen: 3.91 ng
RT: 14.804 min Scan# 1992
Delta R.T. 0.000 min
Lab File: BP005659.D
Acq: 01 Jun 2021 17:02

Tgt Ion:139 Resp: 944
Ion Ratio Lower Upper
139 100
109 108.3 122.8 162.8#
65 159.5 110.0 150.0#

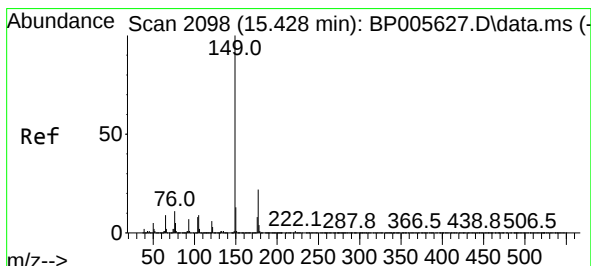
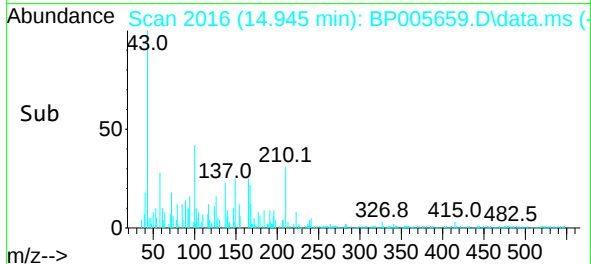
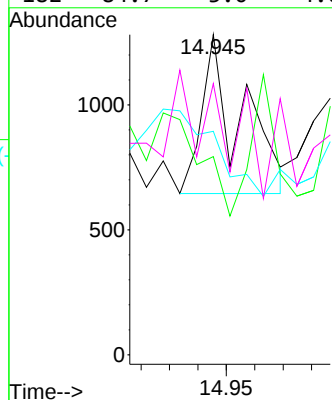
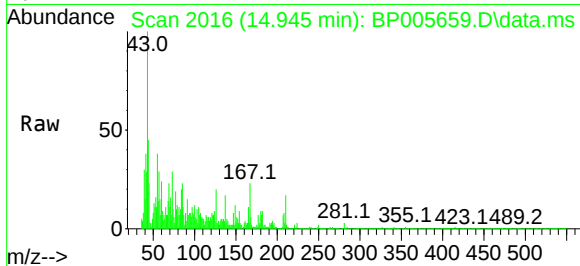




#57
2,4-Dinitrotoluene
Concen: 4.33 ng
RT: 14.945 min Scan# 2016
Delta R.T. -0.018 min
Lab File: BP005659.D
Acq: 01 Jun 2021 17:02

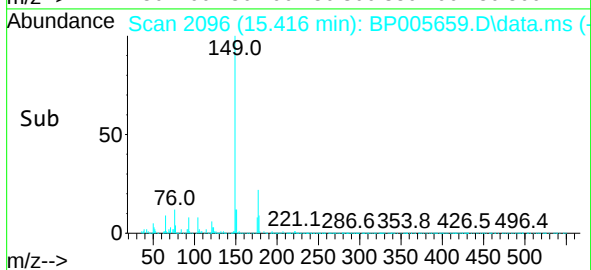
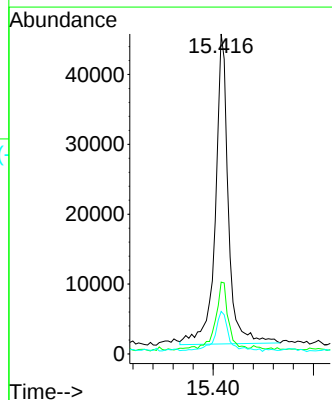
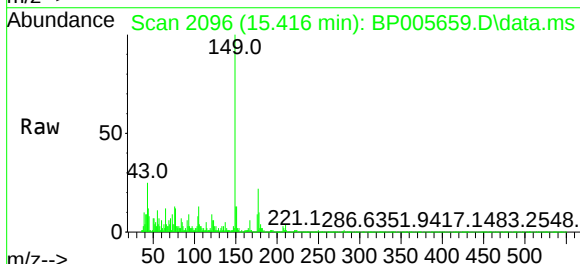
Instrument :
BNA_P
ClientSampled :
SA-1

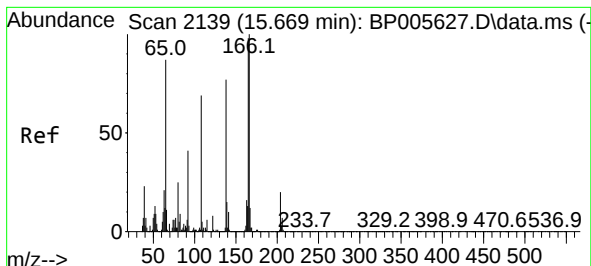
Tgt Ion:165 Resp: 609
Ion Ratio Lower Upper
165 100
63 61.9 56.7 85.1
89 69.8 85.8 128.6#
182 84.7 3.0 4.6#



#60
Diethylphthalate
Concen: 2.65 ng
RT: 15.416 min Scan# 2096
Delta R.T. -0.012 min
Lab File: BP005659.D
Acq: 01 Jun 2021 17:02

Tgt Ion:149 Resp: 79476
Ion Ratio Lower Upper
149 100
177 22.5 19.2 28.8
150 13.3 9.9 14.9

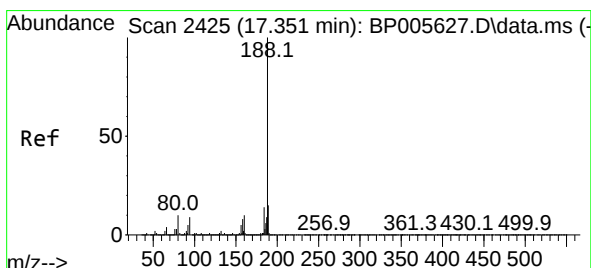
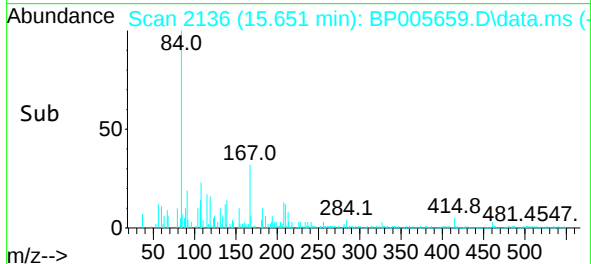
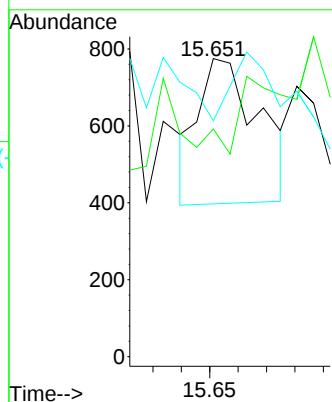
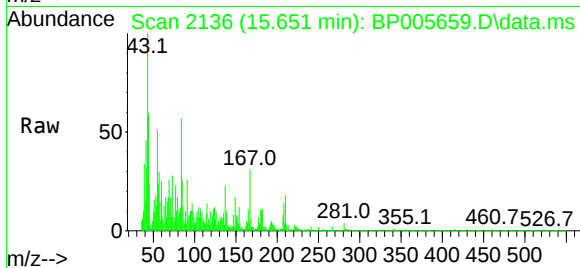




#62
4-Nitroaniline
Concen: 3.71 ng
RT: 15.651 min Scan# 2136
Delta R.T. -0.018 min
Lab File: BP005659.D
Acq: 01 Jun 2021 17:02

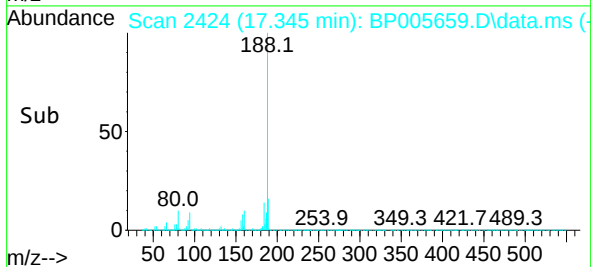
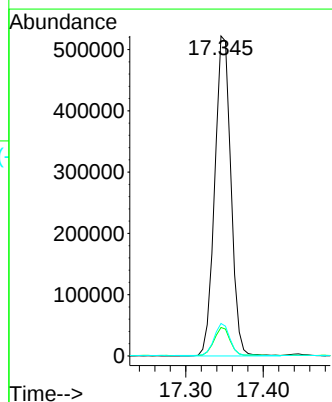
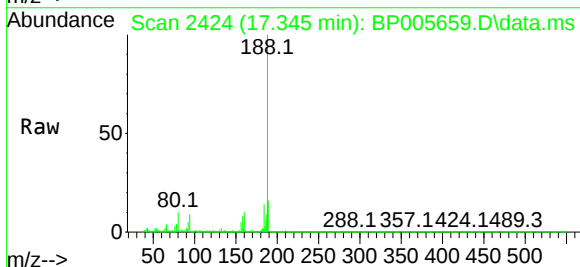
Instrument :
BNA_P
ClientSampleId :
SA-1

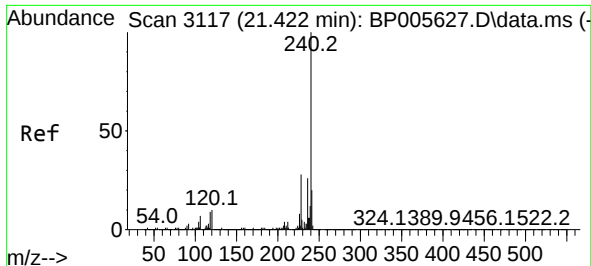
Tgt Ion:138 Resp: 562
Ion Ratio Lower Upper
138 100
92 76.4 50.9 90.9
108 79.1 154.7 194.7#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.345 min Scan# 2424
Delta R.T. -0.006 min
Lab File: BP005659.D
Acq: 01 Jun 2021 17:02

Tgt Ion:188 Resp: 756071
Ion Ratio Lower Upper
188 100
94 8.9 5.0 7.6#
80 10.2 5.9 8.9#

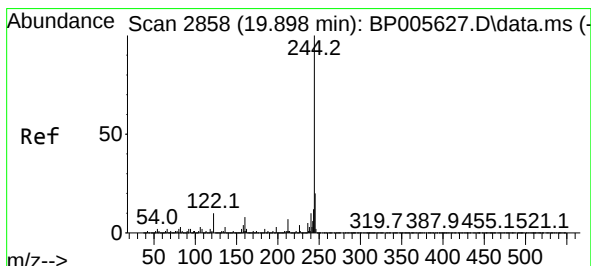
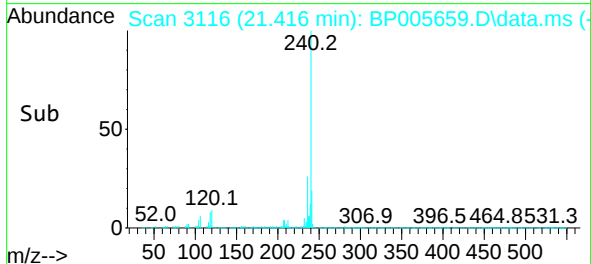
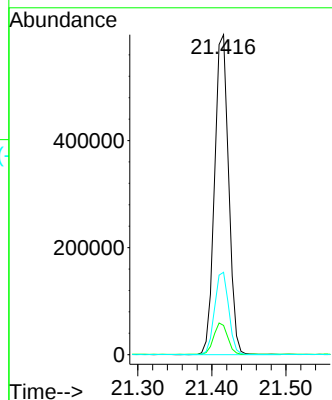
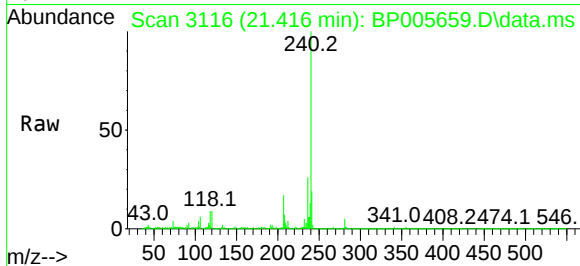




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.416 min Scan# 3116
Delta R.T. -0.006 min
Lab File: BP005659.D
Acq: 01 Jun 2021 17:02

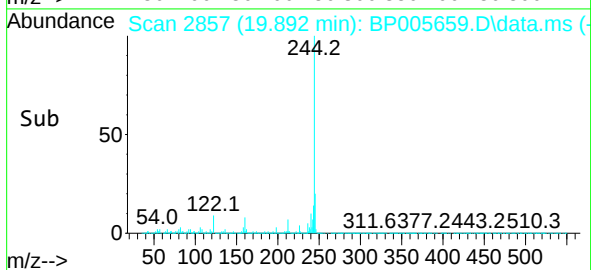
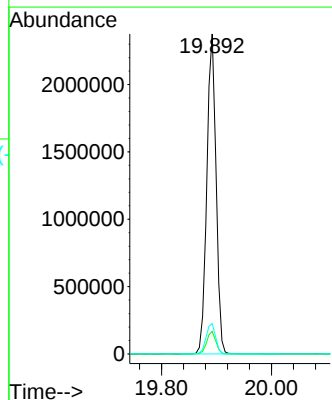
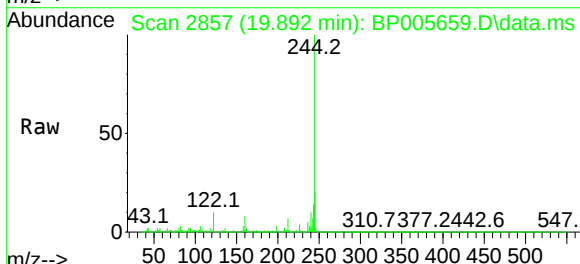
Instrument :
BNA_P
ClientSampleId :
SA-1

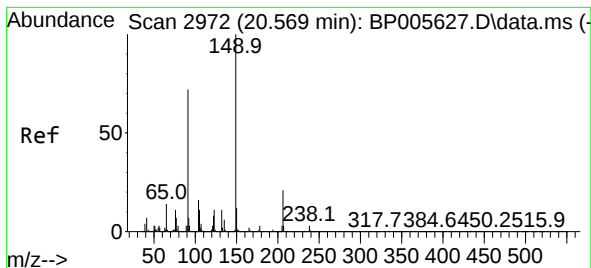
Tgt Ion:240 Resp: 785828
Ion Ratio Lower Upper
240 100
120 9.1 4.2 6.2#
236 25.8 20.2 30.2



#79
Terphenyl-d14
Concen: 65.89 ng
RT: 19.892 min Scan# 2857
Delta R.T. -0.006 min
Lab File: BP005659.D
Acq: 01 Jun 2021 17:02

Tgt Ion:244 Resp: 2759268
Ion Ratio Lower Upper
244 100
212 7.0 5.8 8.6
122 9.5 5.2 7.8#

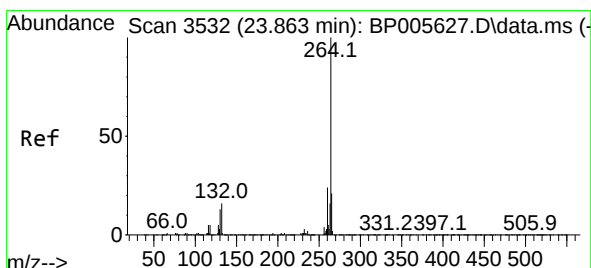
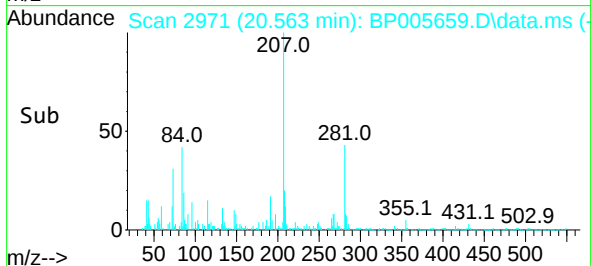
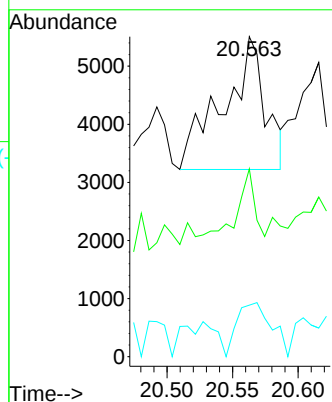
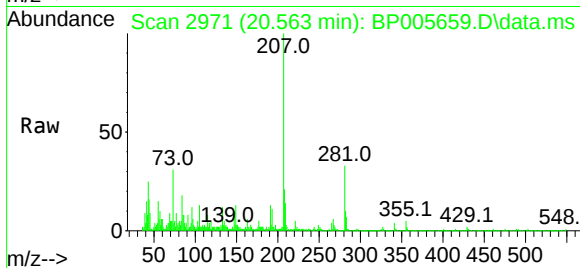




#80
Butylbenzylphthalate
Concen: 4.34 ng
RT: 20.563 min Scan# 2971
Delta R.T. -0.006 min
Lab File: BP005659.D
Acq: 01 Jun 2021 17:02

Instrument :
BNA_P
ClientSampleId :
SA-1

Tgt Ion:149 Resp: 5117
Ion Ratio Lower Upper
149 100
91 58.7 60.2 90.4#
206 16.1 23.9 35.9#



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.851 min Scan# 3530
Delta R.T. -0.012 min
Lab File: BP005659.D
Acq: 01 Jun 2021 17:02

Tgt Ion:264 Resp: 966917
Ion Ratio Lower Upper
264 100
260 24.2 20.6 30.8
265 22.5 19.0 28.6

