

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060421\
 Data File : BP005720.D
 Acq On : 04 Jun 2021 19:59
 Operator : CG/JU
 Sample : M2589-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 18-B7(4-6)

Quant Time: Jun 05 02:32:11 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)

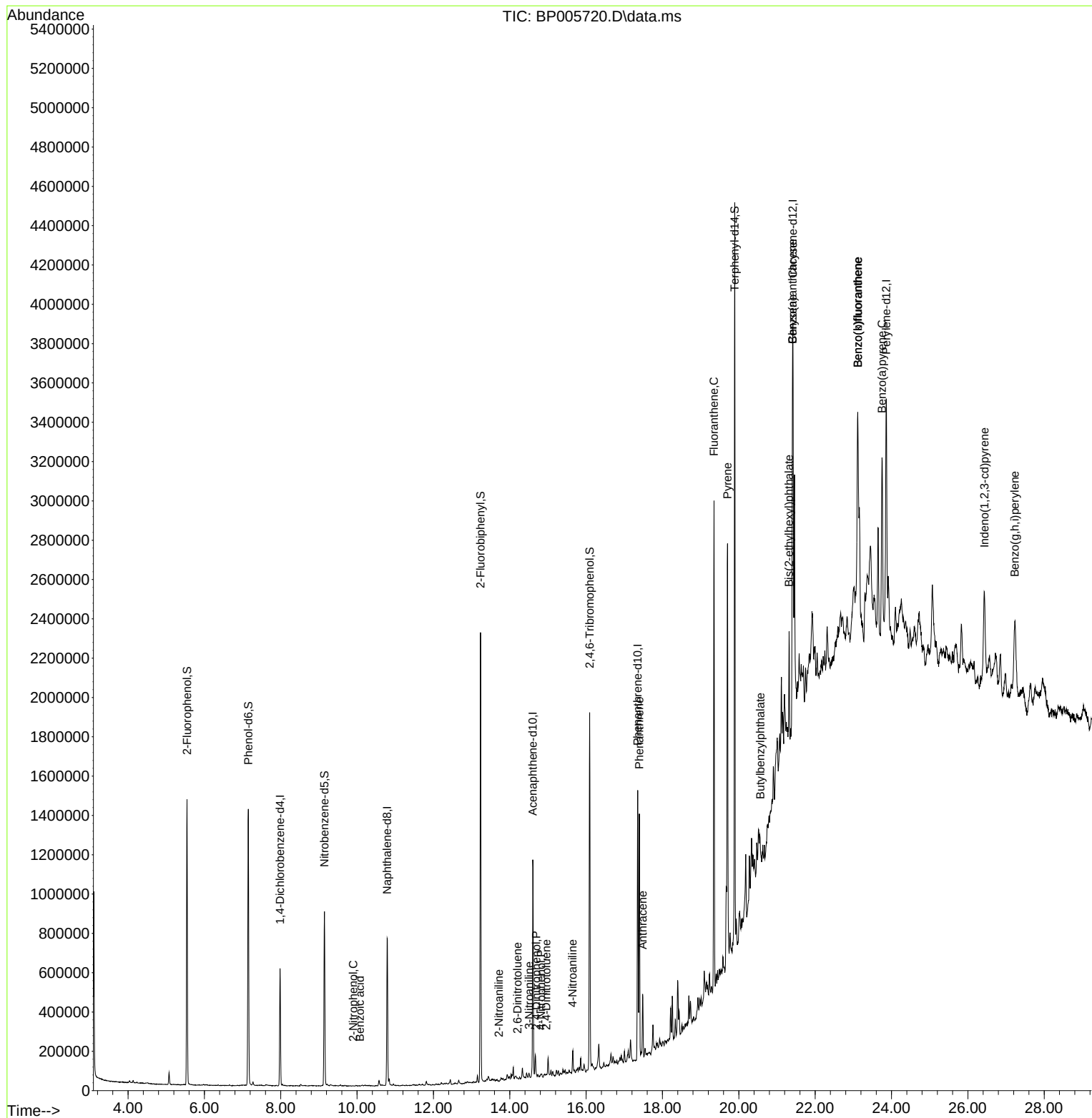
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.981	152	159185	20.00	ng	-0.01
21) Naphthalene-d8	10.787	136	622140	20.00	ng	#-0.01
39) Acenaphthene-d10	14.604	164	386830	20.00	ng	0.00
64) Phenanthrene-d10	17.351	188	805777	20.00	ng	# 0.00
76) Chrysene-d12	21.416	240	813866	20.00	ng	# 0.00
86) Perylene-d12	23.863	264	930949	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.546	112	625980	61.14	ng	0.00
7) Phenol-d6	7.152	99	806952	57.81	ng	0.00
23) Nitrobenzene-d5	9.146	82	517059	46.22	ng	0.00
42) 2,4,6-Tribromophenol	16.093	330	378697	76.35	ng	0.00
45) 2-Fluorobiphenyl	13.234	172	1127444	38.57	ng	0.00
79) Terphenyl-d14	19.892	244	1605750	37.02	ng	0.00
Target Compounds						Qvalue
26) 2-Nitrophenol	9.899	139	64	4.17	ng	# 1
32) Benzoic acid	10.075	122	241	5.05	ng	# 4
48) 2-Nitroaniline	13.716	65	293	4.53	ng	# 61
51) 2,6-Dinitrotoluene	14.204	165	90	5.07	ng	# 73
53) 3-Nitroaniline	14.510	138	437	3.71	ng	# 17
54) 2,4-Dinitrophenol	14.698	184	33	6.54	ng	# 1
56) 4-Nitrophenol	14.816	139	921	3.90	ng	# 74
57) 2,4-Dinitrotoluene	14.957	165	399	4.30	ng	# 48
62) 4-Nitroaniline	15.645	138	1100	3.77	ng	# 39
71) Phenanthrene	17.392	178	739870	14.74	ng	99
72) Anthracene	17.481	178	205993	4.16	ng	100
75) Fluoranthene	19.351	202	1407752	23.36	ng	96
78) Pyrene	19.704	202	1310000	22.81	ng	99
80) Butylbenzylphthalate	20.563	149	13409	4.66	ng	# 84
81) Benzo(a)anthracene	21.404	228	728160	12.19	ng	96
83) Chrysene	21.404	228	728160	12.59	ng	95
84) Bis(2-ethylhexyl)phtha...	21.316	149	203740	6.28	ng	97
87) Indeno(1,2,3-cd)pyrene	26.433	276	503878	6.36	ng	# 93
88) Benzo(b)fluoranthene	23.116	252	899590	13.32	ng	# 91
89) Benzo(k)fluoranthene	23.116	252	899590	14.05	ng	# 89
90) Benzo(a)pyrene	23.751	252	696260	11.33	ng	# 90
92) Benzo(g,h,i)perylene	27.227	276	494226	7.45	ng	# 92

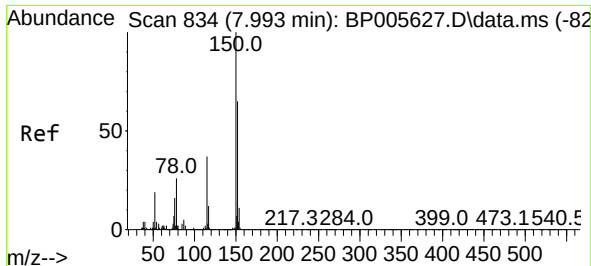
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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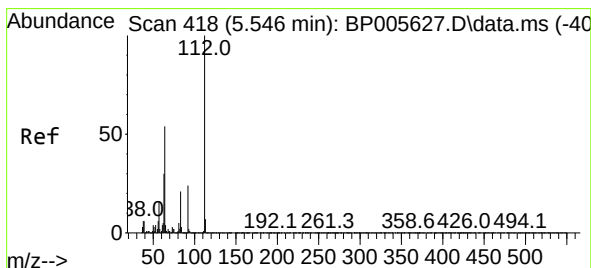
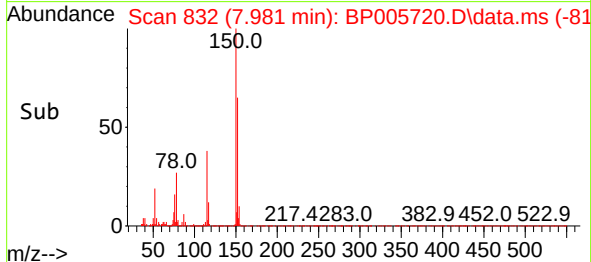
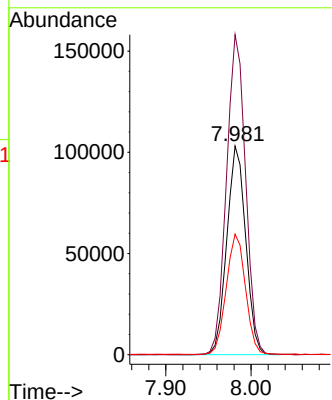
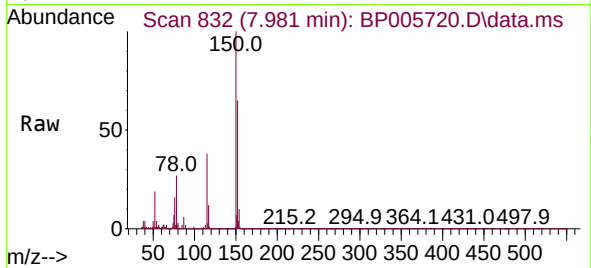




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.981 min Scan# 832
Delta R.T. -0.012 min
Lab File: BP005720.D
Acq: 04 Jun 2021 19:59

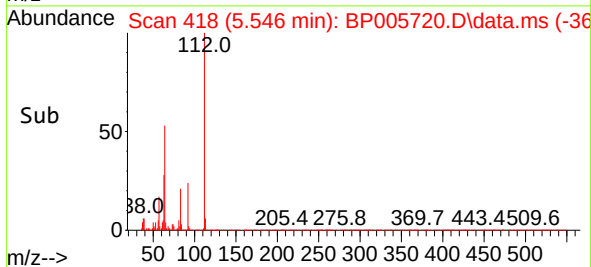
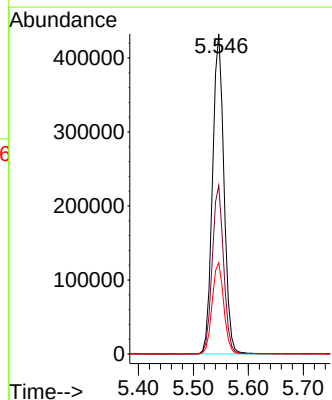
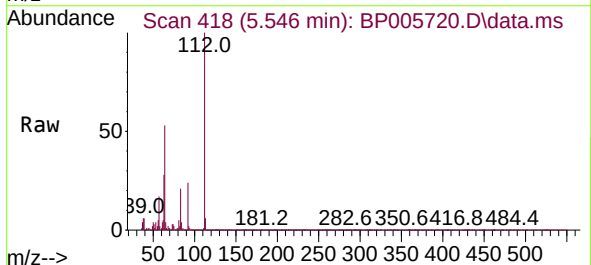
Instrument :
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ClientSampleId :
18-B7(4-6)

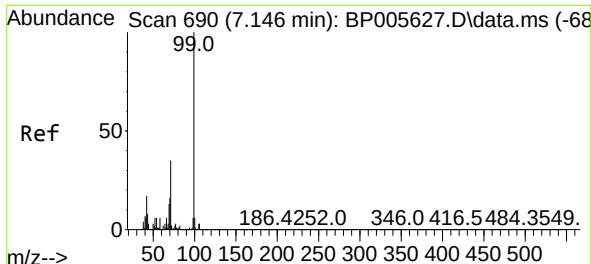
Tgt Ion:152 Resp: 159185
Ion Ratio Lower Upper
152 100
150 153.4 119.8 179.8
115 57.7 49.0 73.4



#5
2-Fluorophenol
Concen: 61.14 ng
RT: 5.546 min Scan# 418
Delta R.T. -0.000 min
Lab File: BP005720.D
Acq: 04 Jun 2021 19:59

Tgt Ion:112 Resp: 625980
Ion Ratio Lower Upper
112 100
64 52.6 33.6 50.4#
63 28.5 18.6 27.8#

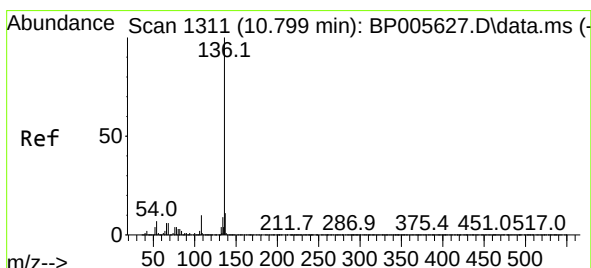
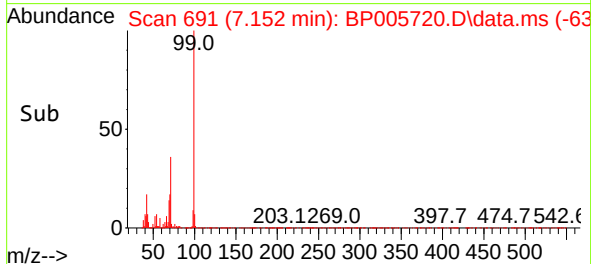
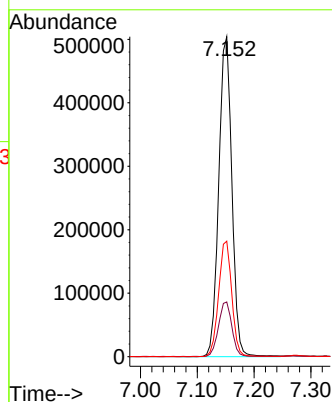
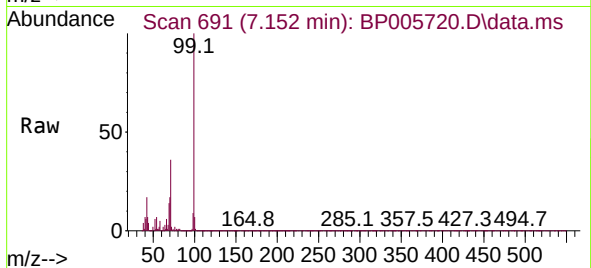




#7
Phenol-d6
Concen: 57.81 ng
RT: 7.152 min Scan# 691
Delta R.T. 0.006 min
Lab File: BP005720.D
Acq: 04 Jun 2021 19:59

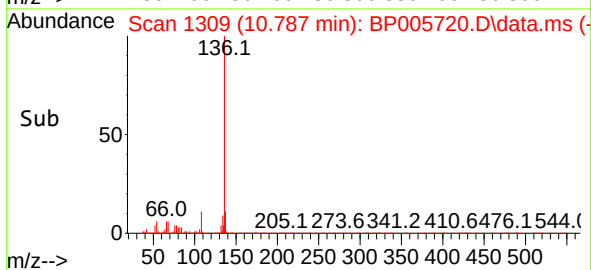
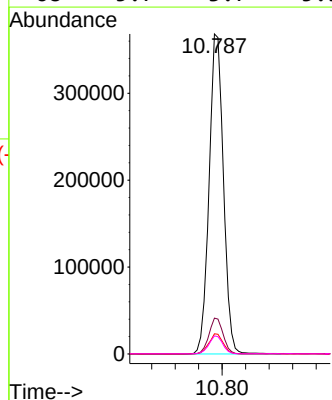
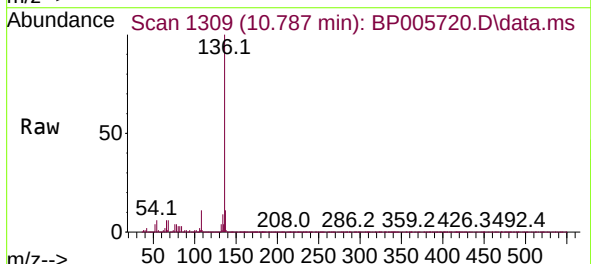
Instrument :
BNA_P
ClientSampleId :
18-B7(4-6)

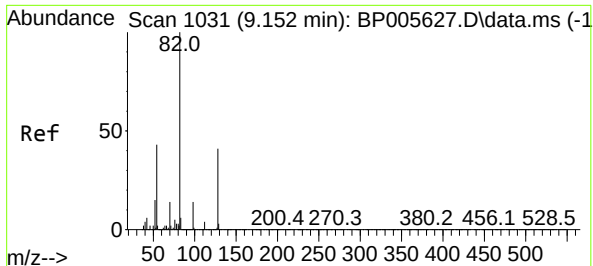
Tgt Ion: 99 Resp: 806952
Ion Ratio Lower Upper
99 100
42 17.1 12.9 19.3
71 36.1 26.7 40.1



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.787 min Scan# 1309
Delta R.T. -0.012 min
Lab File: BP005720.D
Acq: 04 Jun 2021 19:59

Tgt Ion: 136 Resp: 622140
Ion Ratio Lower Upper
136 100
137 11.2 8.9 13.3
54 6.3 5.0 7.4
68 5.7 3.7 5.5#

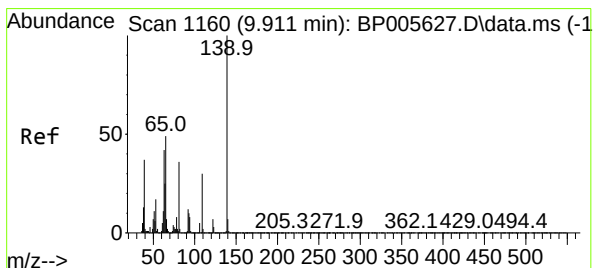
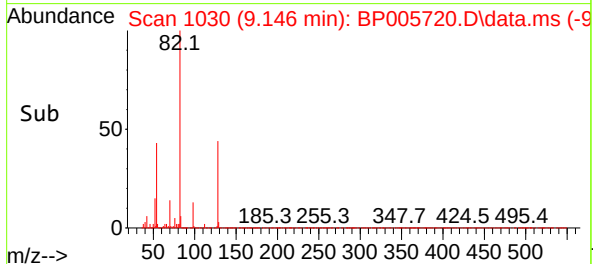
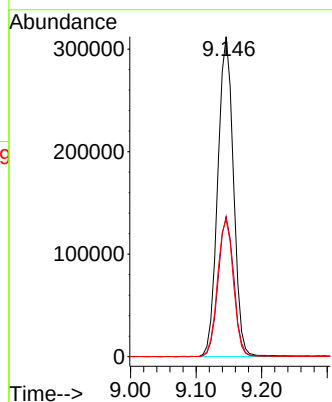
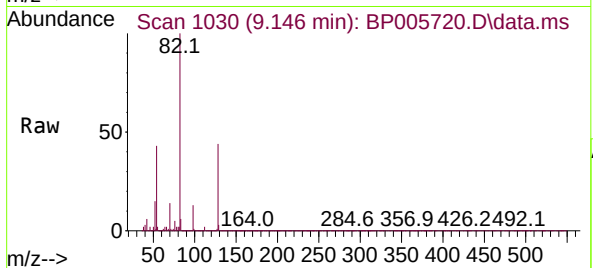




#23
Nitrobenzene-d5
Concen: 46.22 ng
RT: 9.146 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BP005720.D
Acq: 04 Jun 2021 19:59

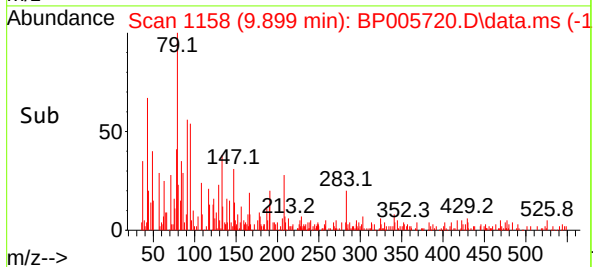
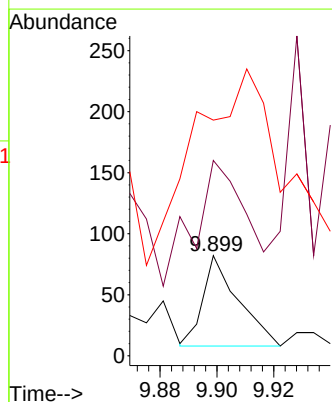
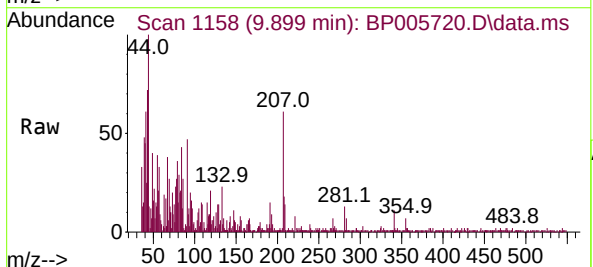
Instrument :
BNA_P
ClientSampleId :
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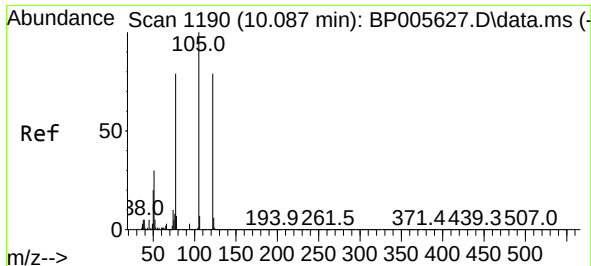
Tgt Ion: 82 Resp: 517059
Ion Ratio Lower Upper
82 100
128 43.8 30.5 45.7
54 42.9 33.9 50.9



#26
2-Nitrophenol
Concen: 4.17 ng
RT: 9.899 min Scan# 1158
Delta R.T. -0.012 min
Lab File: BP005720.D
Acq: 04 Jun 2021 19:59

Tgt Ion: 139 Resp: 64
Ion Ratio Lower Upper
139 100
109 161.6 40.7 61.1#
65 194.9 47.8 71.6#

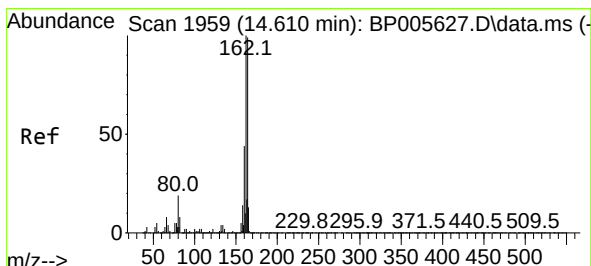
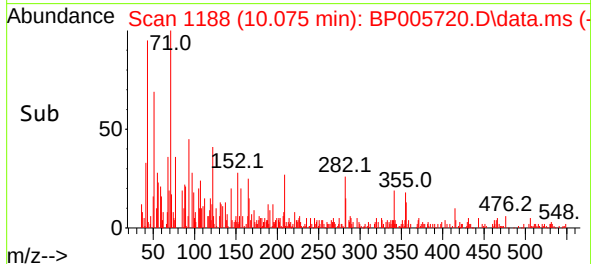
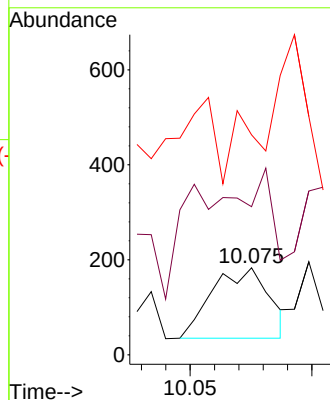
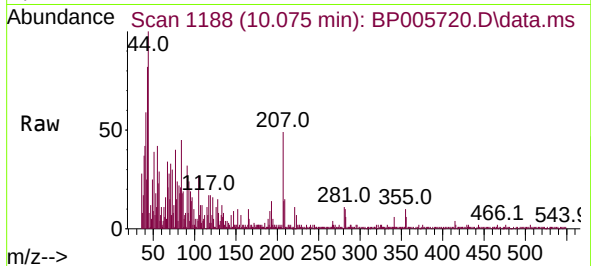




#32
Benzoic acid
Concen: 5.05 ng
RT: 10.075 min Scan# 1188
Delta R.T. -0.012 min
Lab File: BP005720.D
Acq: 04 Jun 2021 19:59

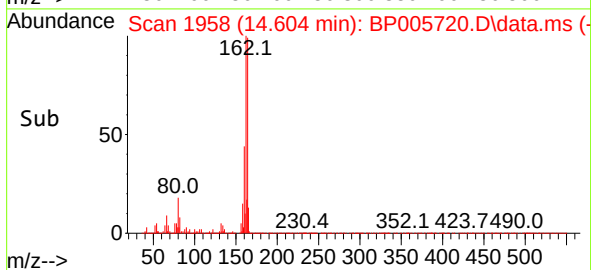
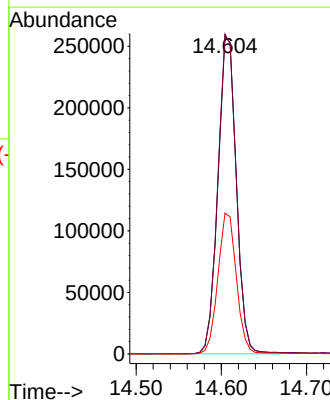
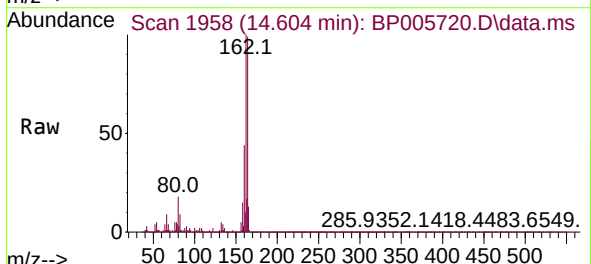
Instrument :
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ClientSampleId :
18-B7(4-6)

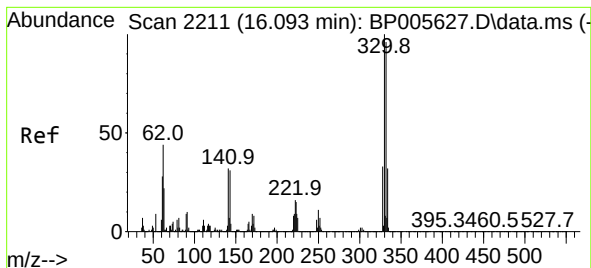
Tgt Ion:122 Resp: 241
Ion Ratio Lower Upper
122 100
105 170.5 105.1 145.1#
77 253.0 69.6 109.6#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.604 min Scan# 1958
Delta R.T. -0.006 min
Lab File: BP005720.D
Acq: 04 Jun 2021 19:59

Tgt Ion:164 Resp: 386830
Ion Ratio Lower Upper
164 100
162 100.6 73.5 110.3
160 44.2 40.6 61.0

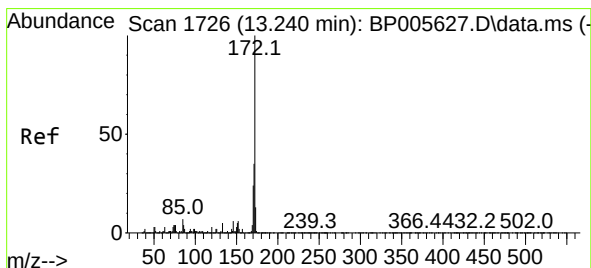
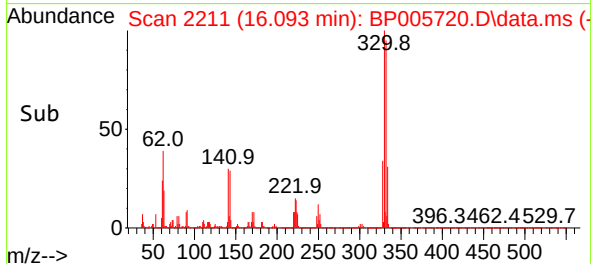
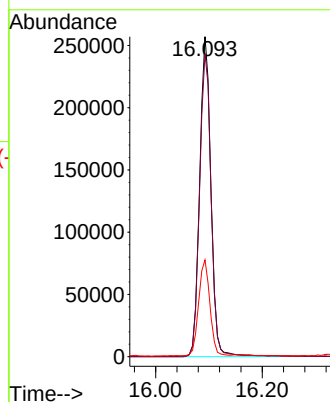
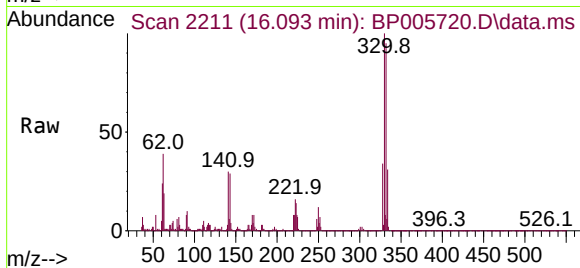




#42
2,4,6-Tribromophenol
Concen: 76.35 ng
RT: 16.093 min Scan# 2211
Delta R.T. -0.000 min
Lab File: BP005720.D
Acq: 04 Jun 2021 19:59

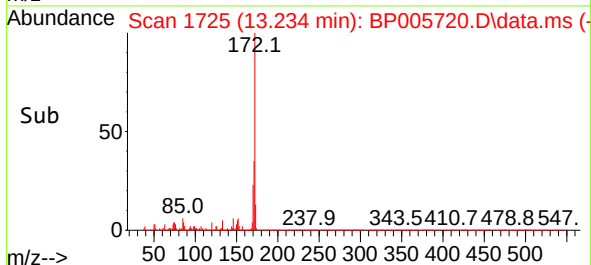
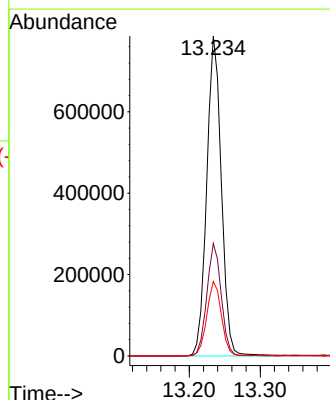
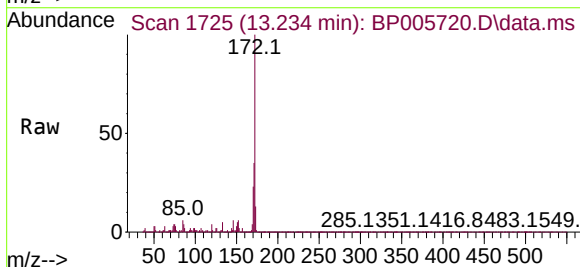
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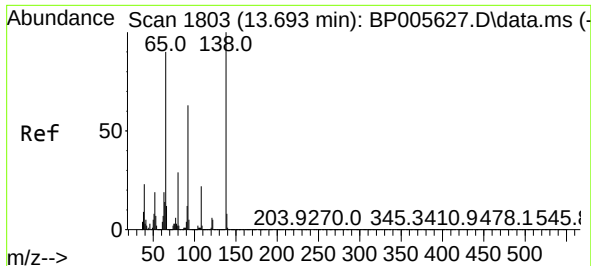
Tgt Ion:330 Resp: 378697
Ion Ratio Lower Upper
330 100
332 96.2 76.3 114.5
141 29.6 22.8 34.2



#45
2-Fluorobiphenyl
Concen: 38.57 ng
RT: 13.234 min Scan# 1725
Delta R.T. -0.006 min
Lab File: BP005720.D
Acq: 04 Jun 2021 19:59

Tgt Ion:172 Resp: 1127444
Ion Ratio Lower Upper
172 100
171 35.2 28.1 42.1
170 23.2 19.6 29.4

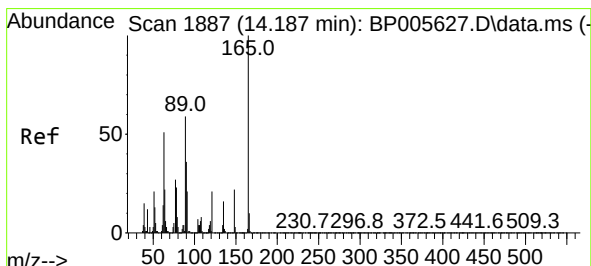
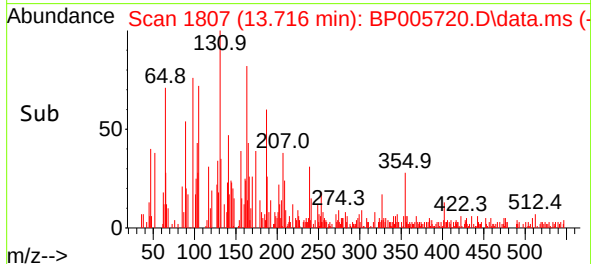
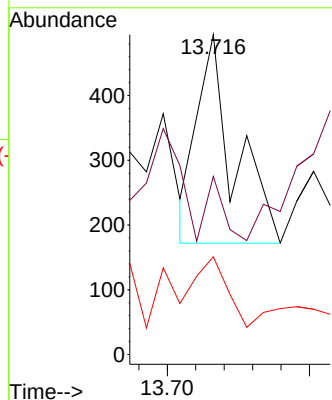
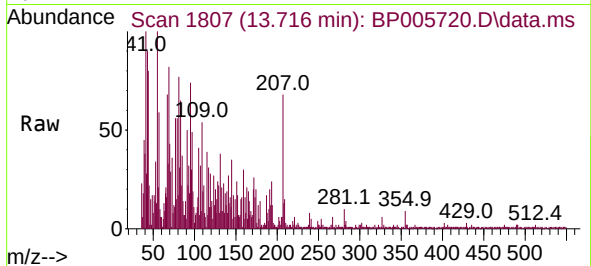




#48
2-Nitroaniline
Concen: 4.53 ng
RT: 13.716 min Scan# 1807
Delta R.T. 0.023 min
Lab File: BP005720.D
Acq: 04 Jun 2021 19:59

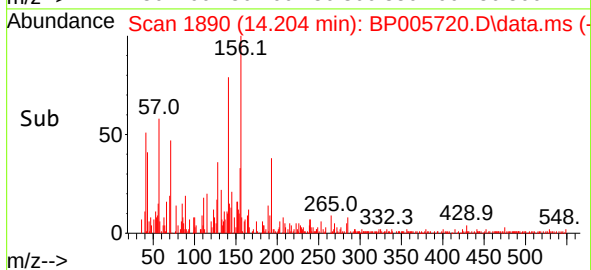
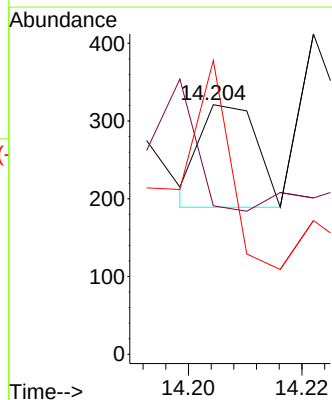
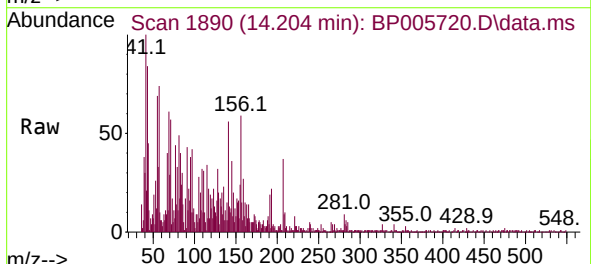
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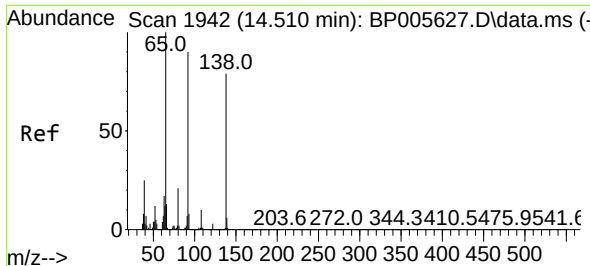
Tgt Ion: 65 Resp: 293
Ion Ratio Lower Upper
65 100
92 55.7 48.8 73.2
138 30.6 69.5 104.3#



#51
2,6-Dinitrotoluene
Concen: 5.07 ng
RT: 14.204 min Scan# 1890
Delta R.T. 0.017 min
Lab File: BP005720.D
Acq: 04 Jun 2021 19:59

Tgt Ion: 165 Resp: 90
Ion Ratio Lower Upper
165 100
63 59.5 67.4 101.0#
89 117.8 73.8 110.6#

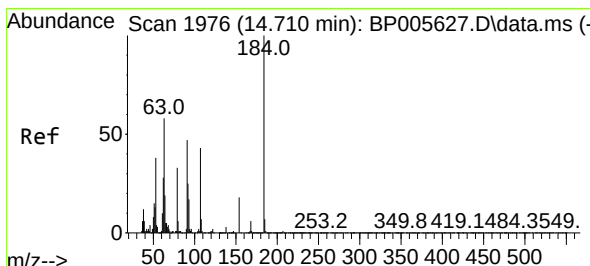
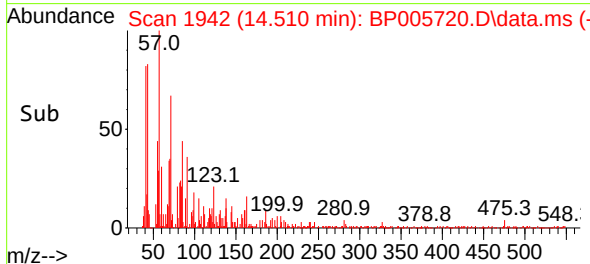
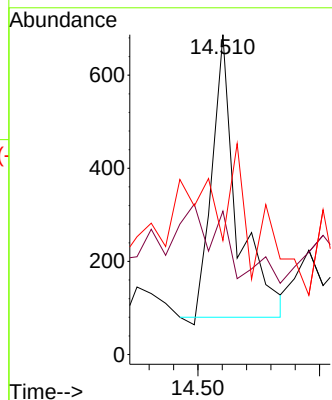
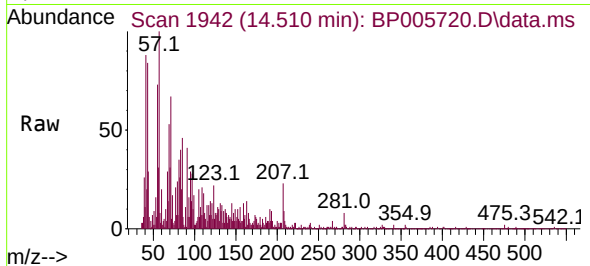




#53
3-Nitroaniline
Concen: 3.71 ng
RT: 14.510 min Scan# 1942
Delta R.T. 0.000 min
Lab File: BP005720.D
Acq: 04 Jun 2021 19:59

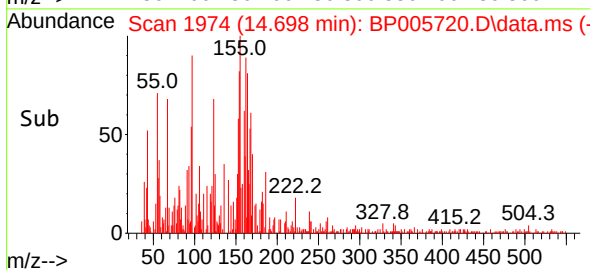
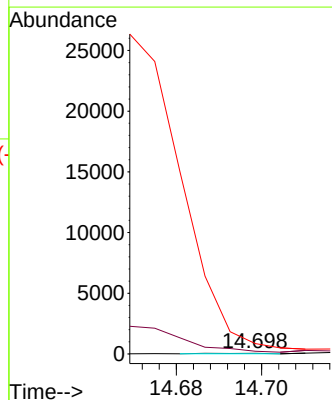
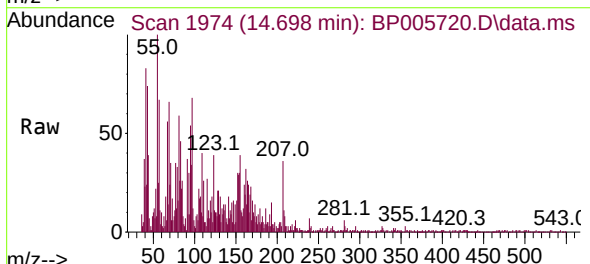
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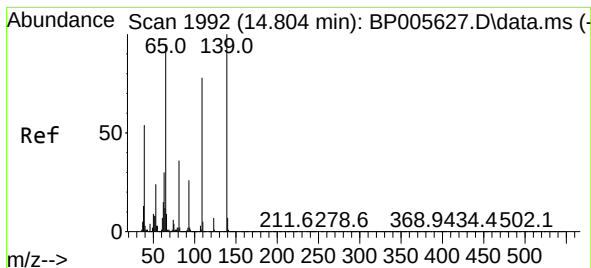
Tgt Ion:138 Resp: 437
Ion Ratio Lower Upper
138 100
108 44.8 10.2 15.4#
92 35.7 108.1 162.1#



#54
2,4-Dinitrophenol
Concen: 6.54 ng
RT: 14.698 min Scan# 1974
Delta R.T. -0.012 min
Lab File: BP005720.D
Acq: 04 Jun 2021 19:59

Tgt Ion:184 Resp: 33
Ion Ratio Lower Upper
184 100
63 434.0 51.2 76.8#
154 1620.8 55.8 83.8#

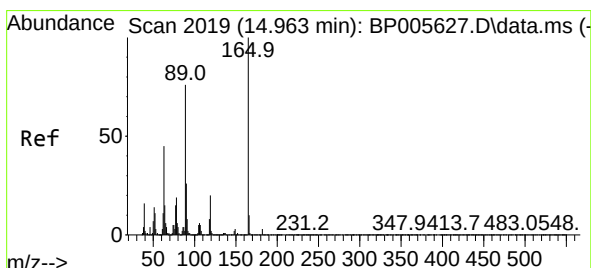
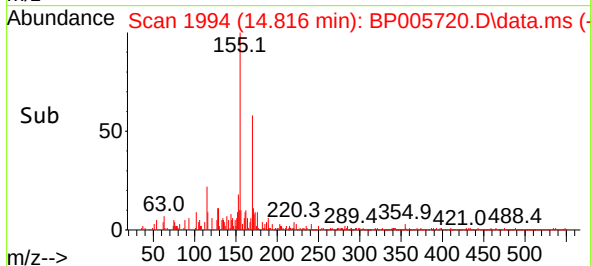
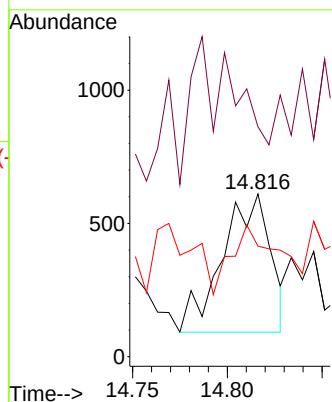
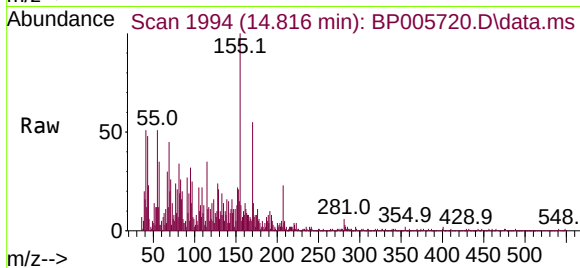




#56
4-Nitrophenol
Concen: 3.90 ng
RT: 14.816 min Scan# 1994
Delta R.T. 0.012 min
Lab File: BP005720.D
Acq: 04 Jun 2021 19:59

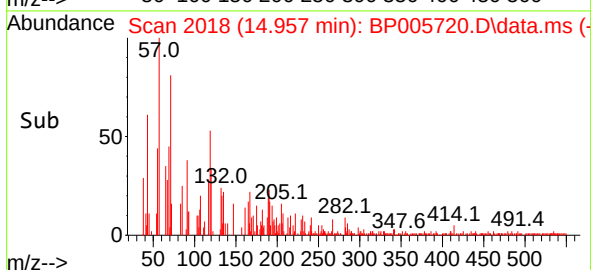
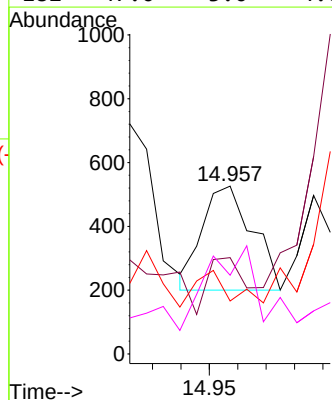
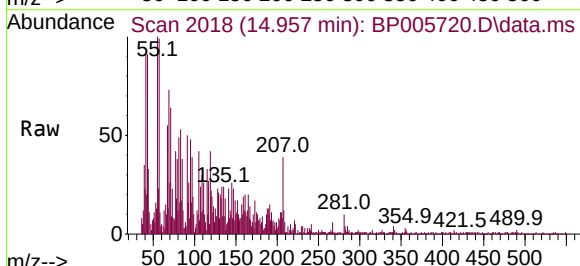
Instrument :
BNA_P
ClientSampleId :
18-B7(4-6)

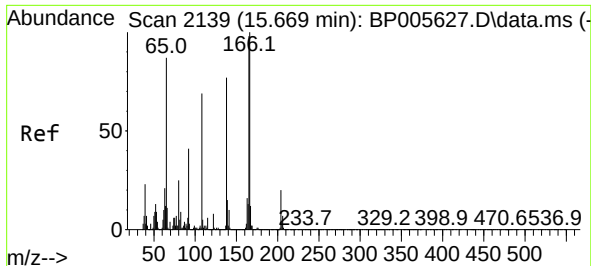
Tgt Ion:139 Resp: 921
Ion Ratio Lower Upper
139 100
109 141.2 122.8 162.8
65 67.9 110.0 150.0#



#57
2,4-Dinitrotoluene
Concen: 4.30 ng
RT: 14.957 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BP005720.D
Acq: 04 Jun 2021 19:59

Tgt Ion:165 Resp: 399
Ion Ratio Lower Upper
165 100
63 57.4 56.7 85.1
89 31.6 85.8 128.6#
182 47.0 3.0 4.6#

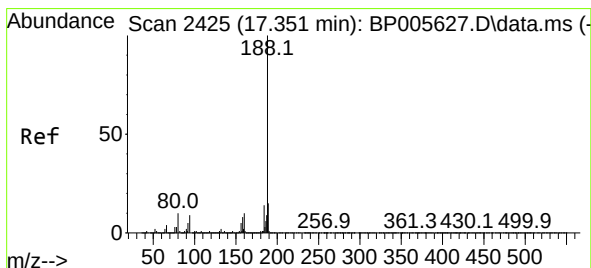
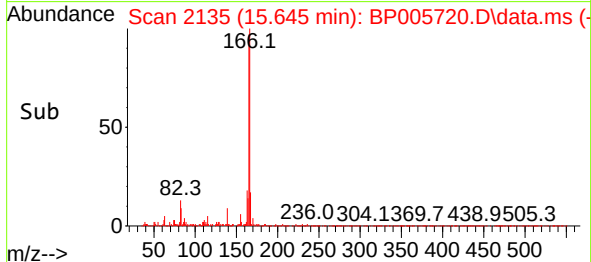
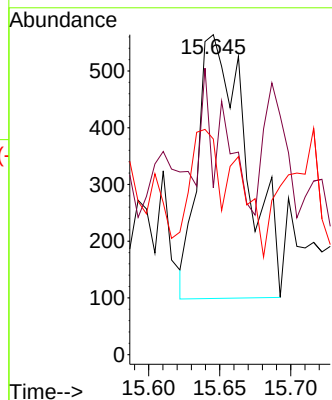
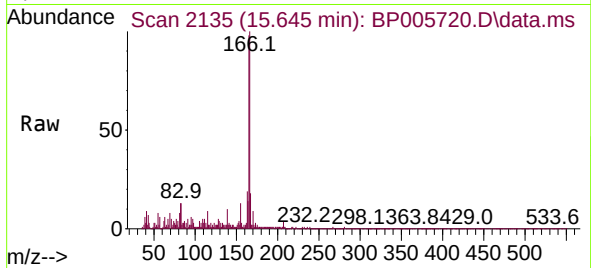




#62
4-Nitroaniline
Concen: 3.77 ng
RT: 15.645 min Scan# 2135
Delta R.T. -0.024 min
Lab File: BP005720.D
Acq: 04 Jun 2021 19:59

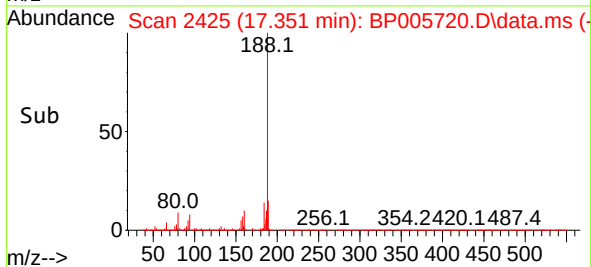
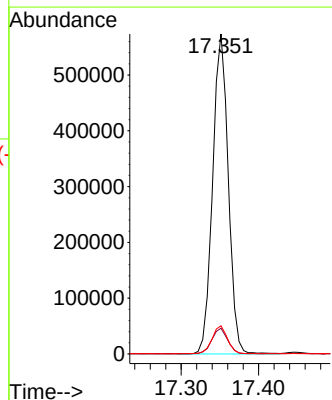
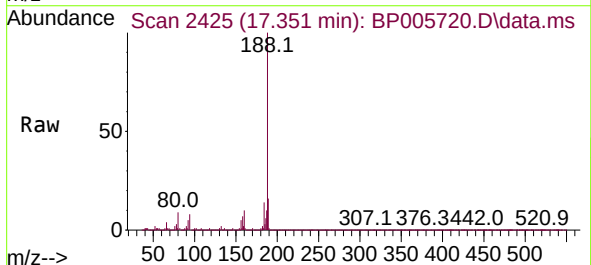
Instrument :
BNA_P
ClientSampleId :
18-B7(4-6)

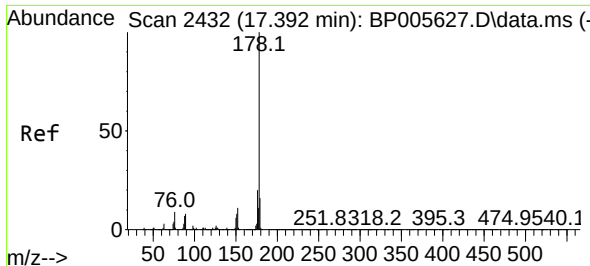
Tgt Ion:138 Resp: 1100
Ion Ratio Lower Upper
138 100
92 52.1 50.9 90.9
108 67.4 154.7 194.7#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.351 min Scan# 2425
Delta R.T. 0.000 min
Lab File: BP005720.D
Acq: 04 Jun 2021 19:59

Tgt Ion:188 Resp: 805777
Ion Ratio Lower Upper
188 100
94 8.0 5.0 7.6#
80 8.8 5.9 8.9

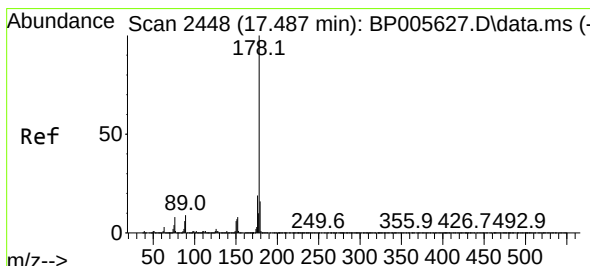
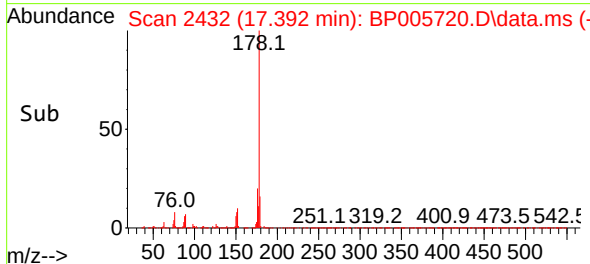
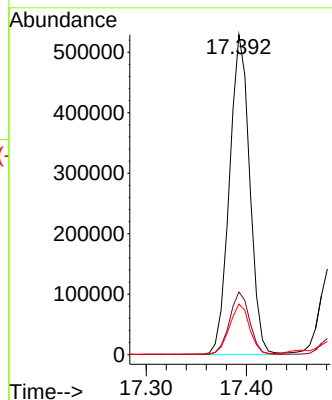
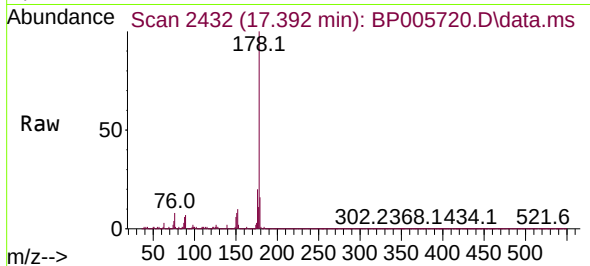




#71
Phenanthrene
Concen: 14.74 ng
RT: 17.392 min Scan# 2432
Delta R.T. -0.000 min
Lab File: BP005720.D
Acq: 04 Jun 2021 19:59

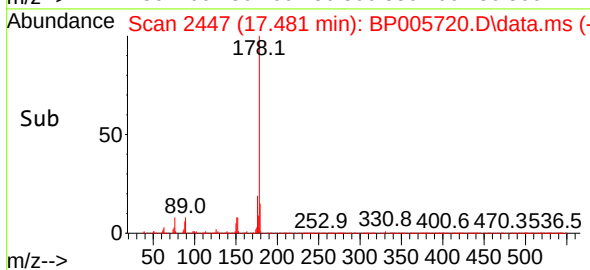
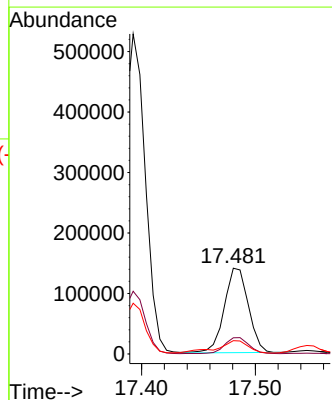
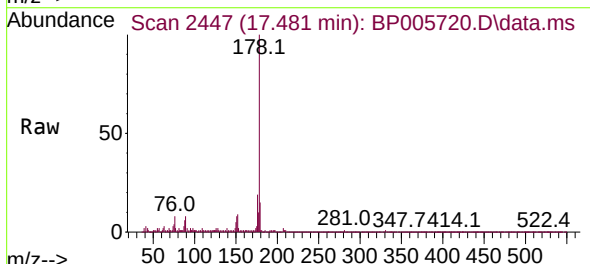
Instrument :
BNA_P
ClientSampleId :
18-B7(4-6)

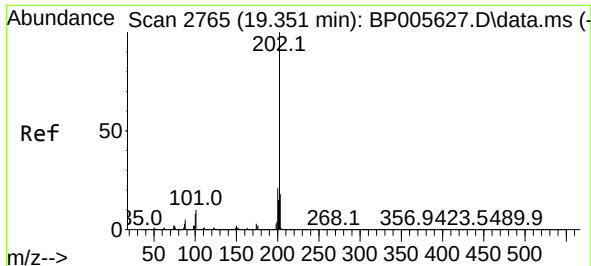
Tgt Ion:178 Resp: 739870
Ion Ratio Lower Upper
178 100
176 19.6 15.4 23.2
179 15.8 12.3 18.5



#72
Anthracene
Concen: 4.16 ng
RT: 17.481 min Scan# 2447
Delta R.T. -0.006 min
Lab File: BP005720.D
Acq: 04 Jun 2021 19:59

Tgt Ion:178 Resp: 205993
Ion Ratio Lower Upper
178 100
176 18.9 15.2 22.8
179 15.4 12.6 19.0

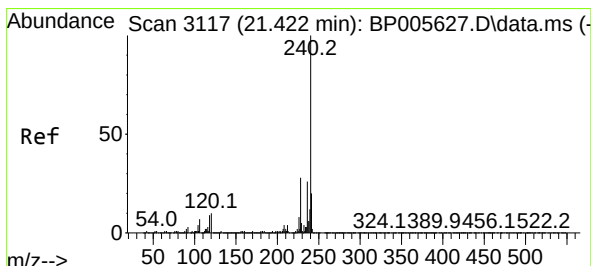
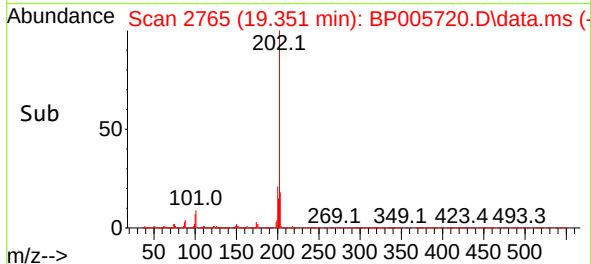
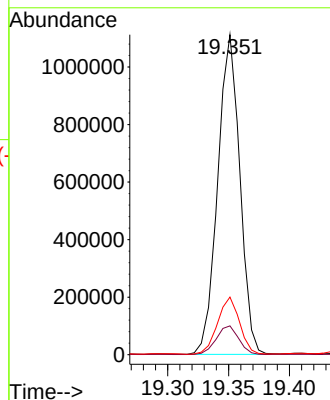
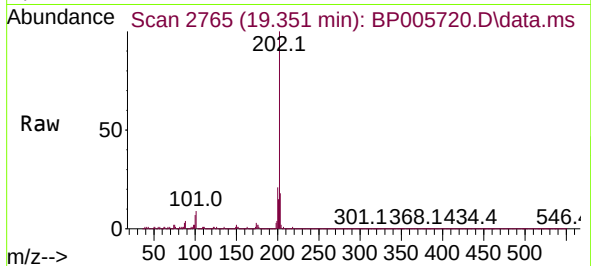




#75
Fluoranthene
Concen: 23.36 ng
RT: 19.351 min Scan# 2765
Delta R.T. -0.000 min
Lab File: BP005720.D
Acq: 04 Jun 2021 19:59

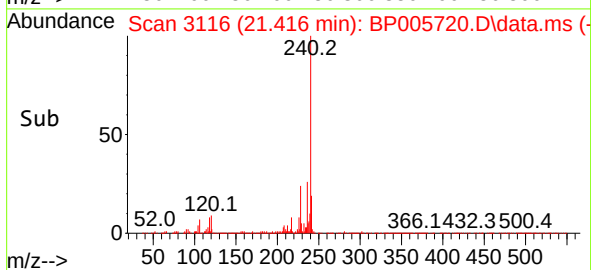
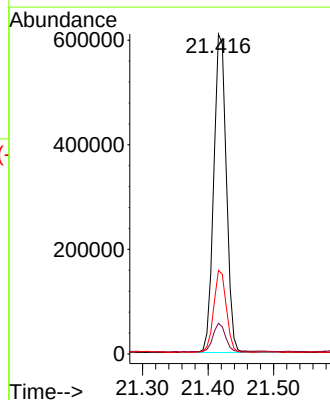
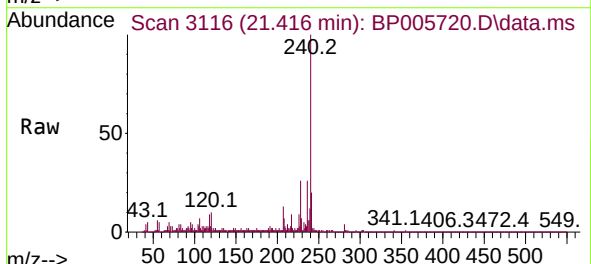
Instrument :
BNA_P
ClientSampleId :
18-B7(4-6)

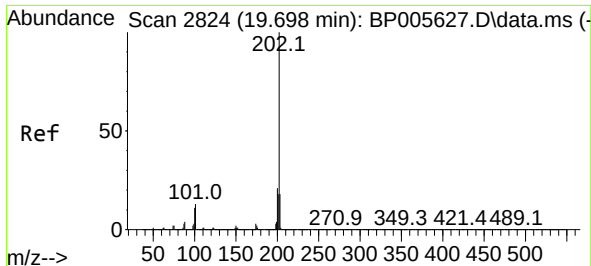
Tgt Ion:202 Resp: 1407752
Ion Ratio Lower Upper
202 100
101 9.0 0.0 26.1
203 18.0 0.0 37.2



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.416 min Scan# 3116
Delta R.T. -0.006 min
Lab File: BP005720.D
Acq: 04 Jun 2021 19:59

Tgt Ion:240 Resp: 813866
Ion Ratio Lower Upper
240 100
120 9.6 4.2 6.2#
236 26.2 20.2 30.2

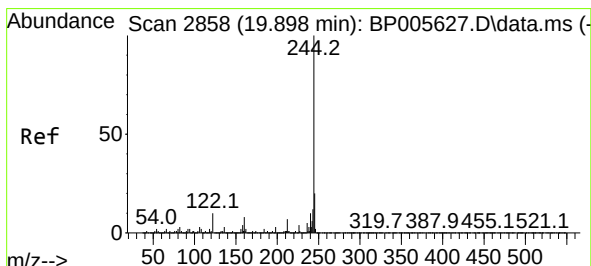
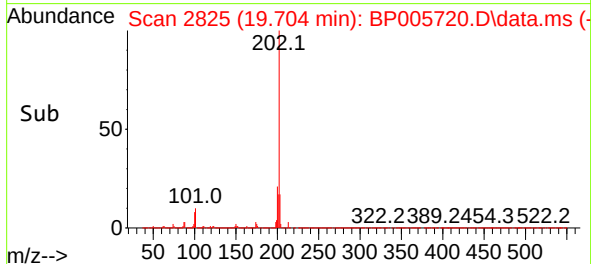
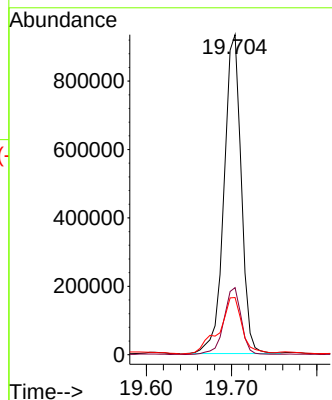
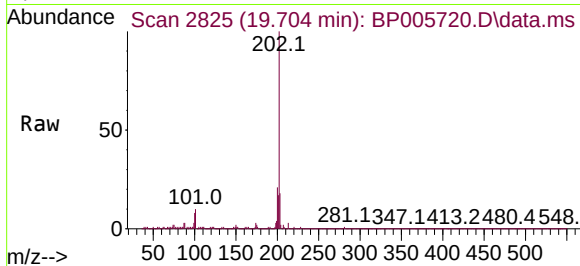




#78
 Pyrene
 Concen: 22.81 ng
 RT: 19.704 min Scan# 2825
 Delta R.T. 0.006 min
 Lab File: BP005720.D
 Acq: 04 Jun 2021 19:59

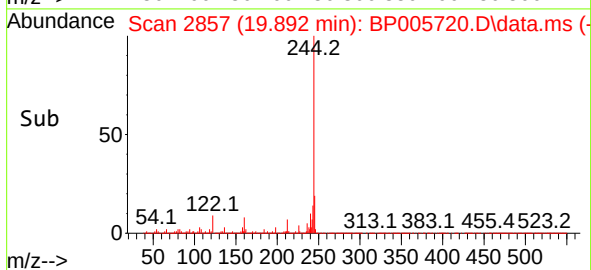
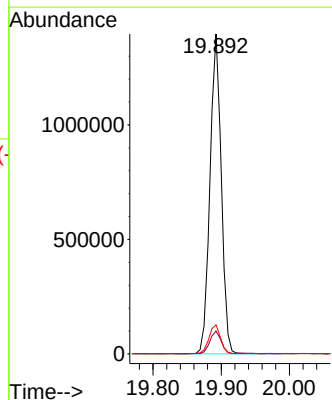
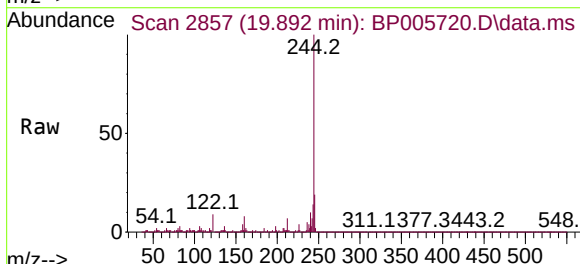
Instrument :
 BNA_P
 ClientSampleId :
 18-B7(4-6)

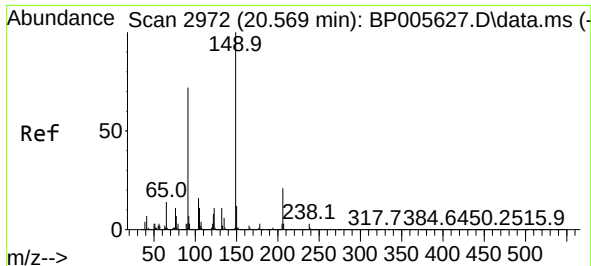
Tgt Ion:202 Resp: 1310000
 Ion Ratio Lower Upper
 202 100
 200 20.9 16.9 25.3
 203 17.8 13.8 20.6



#79
 Terphenyl-d14
 Concen: 37.02 ng
 RT: 19.892 min Scan# 2857
 Delta R.T. -0.006 min
 Lab File: BP005720.D
 Acq: 04 Jun 2021 19:59

Tgt Ion:244 Resp: 1605750
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.6
 122 9.1 5.2 7.8#

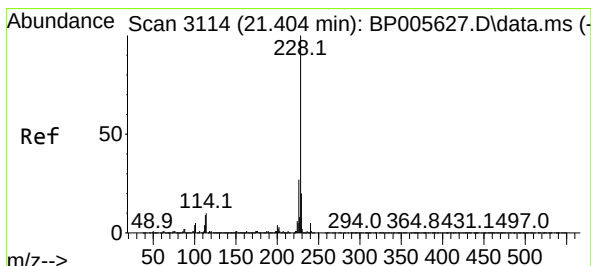
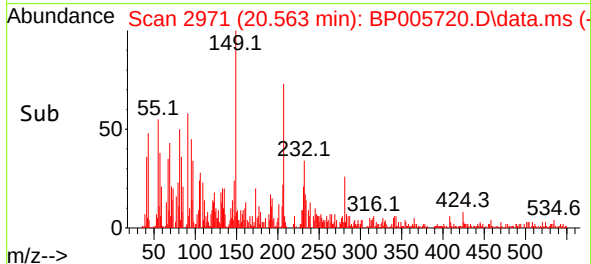
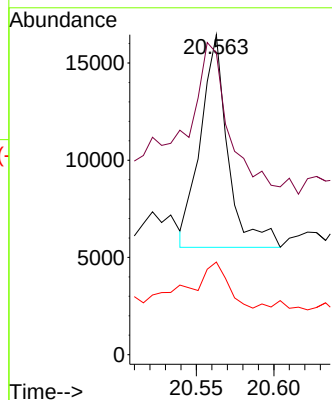
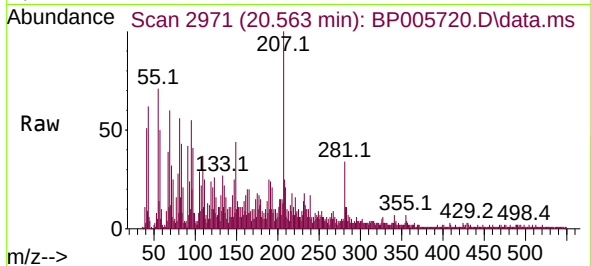




#80
Butylbenzylphthalate
Concen: 4.66 ng
RT: 20.563 min Scan# 2971
Delta R.T. -0.006 min
Lab File: BP005720.D
Acq: 04 Jun 2021 19:59

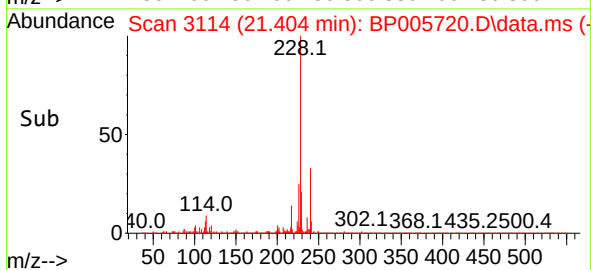
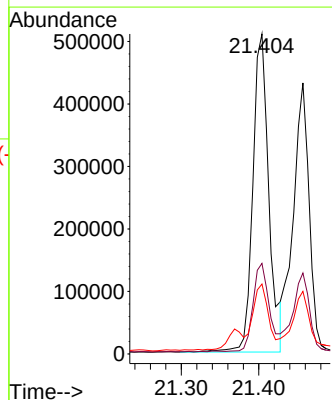
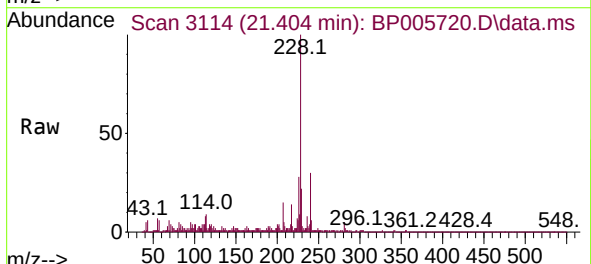
Instrument :
BNA_P
ClientSampleId :
18-B7(4-6)

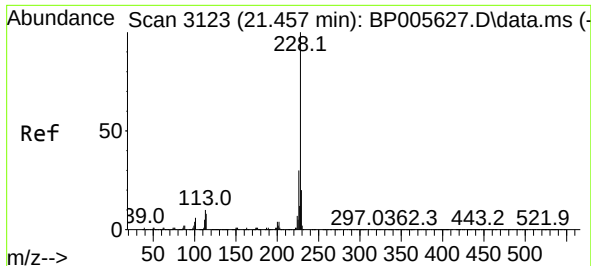
Tgt Ion:149 Resp: 13409
Ion Ratio Lower Upper
149 100
91 94.3 60.2 90.4#
206 28.9 23.9 35.9



#81
Benzo(a)anthracene
Concen: 12.19 ng
RT: 21.404 min Scan# 3114
Delta R.T. -0.000 min
Lab File: BP005720.D
Acq: 04 Jun 2021 19:59

Tgt Ion:228 Resp: 728160
Ion Ratio Lower Upper
228 100
226 28.3 21.2 31.8
229 21.8 15.6 23.4

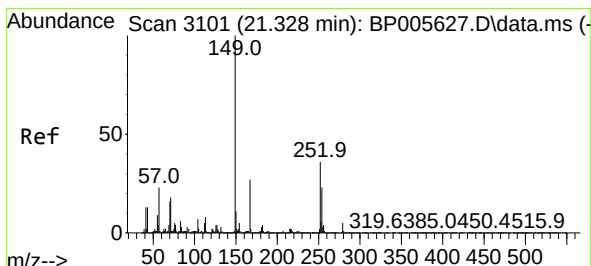
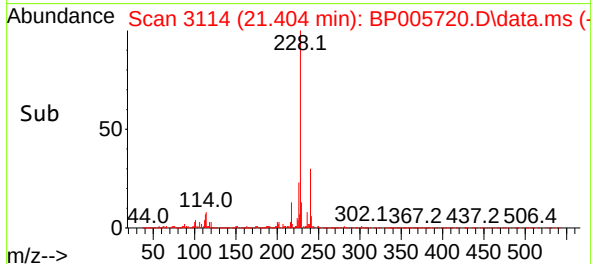
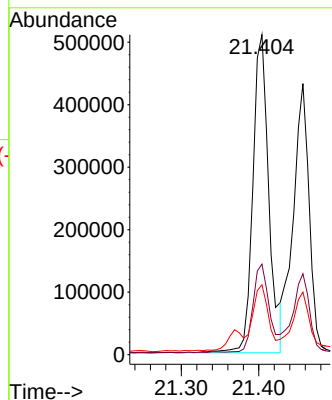
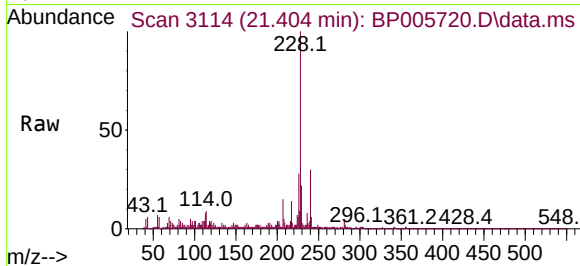




#83
Chrysene
Concen: 12.59 ng
RT: 21.404 min Scan# 3114
Delta R.T. -0.053 min
Lab File: BP005720.D
Acq: 04 Jun 2021 19:59

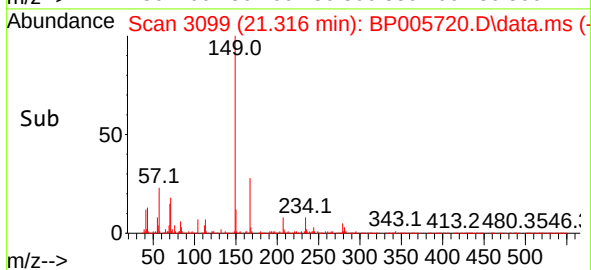
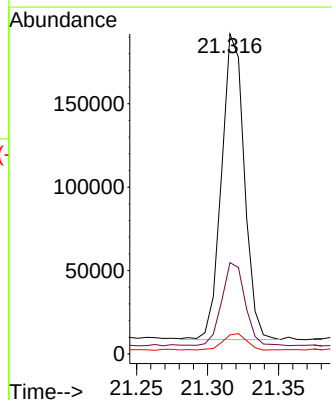
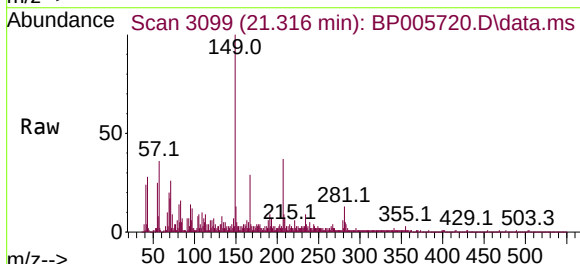
Instrument :
BNA_P
ClientSampleId :
18-B7(4-6)

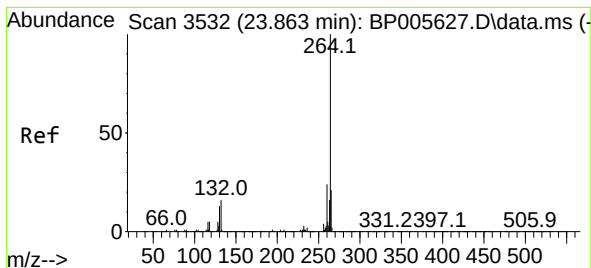
Tgt Ion:228 Resp: 728160
Ion Ratio Lower Upper
228 100
226 28.3 24.8 37.2
229 21.8 15.4 23.0



#84
Bis(2-ethylhexyl)phthalate
Concen: 6.28 ng
RT: 21.316 min Scan# 3099
Delta R.T. -0.012 min
Lab File: BP005720.D
Acq: 04 Jun 2021 19:59

Tgt Ion:149 Resp: 203740
Ion Ratio Lower Upper
149 100
167 28.5 23.8 35.8
279 6.0 5.7 8.5

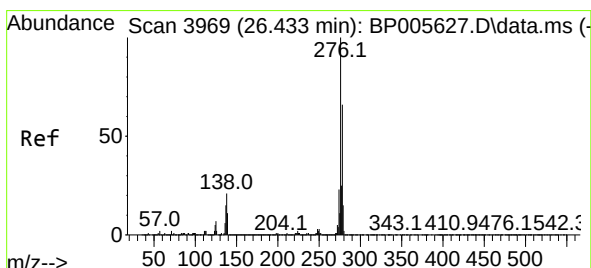
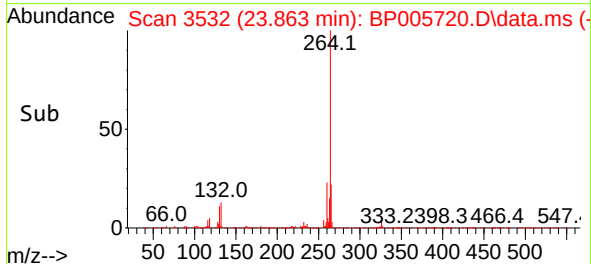
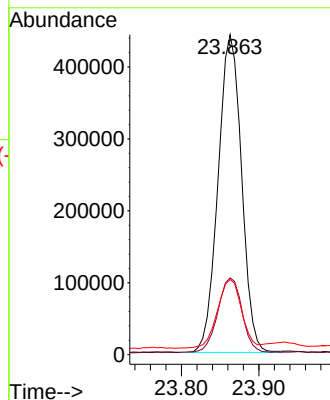
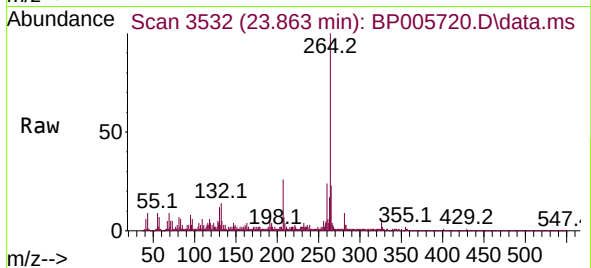




#86
Perylene-d12
Concen: 20.00 ng
RT: 23.863 min Scan# 3532
Delta R.T. -0.000 min
Lab File: BP005720.D
Acq: 04 Jun 2021 19:59

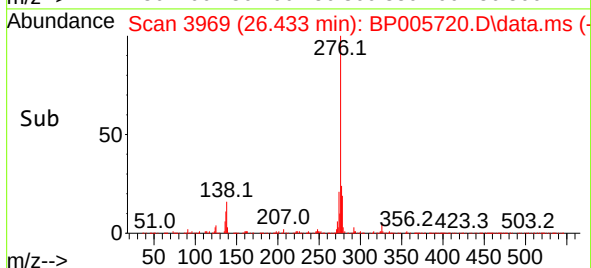
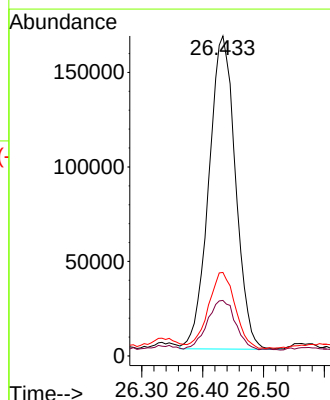
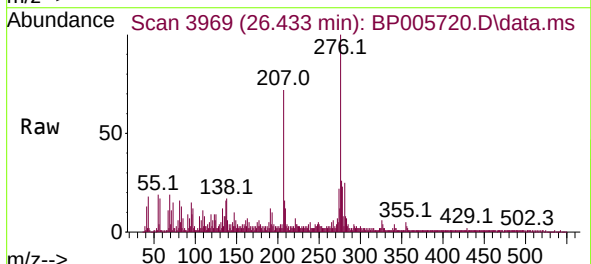
Instrument :
BNA_P
ClientSampleId :
18-B7(4-6)

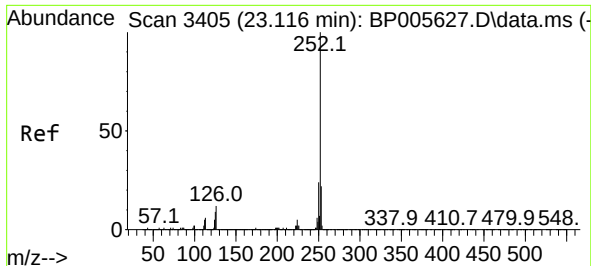
Tgt Ion:264 Resp: 930949
Ion Ratio Lower Upper
264 100
260 24.0 20.6 30.8
265 23.5 19.0 28.6



#87
Indeno(1,2,3-cd)pyrene
Concen: 6.36 ng
RT: 26.433 min Scan# 3969
Delta R.T. -0.000 min
Lab File: BP005720.D
Acq: 04 Jun 2021 19:59

Tgt Ion:276 Resp: 503878
Ion Ratio Lower Upper
276 100
138 16.9 8.4 12.6#
277 24.4 20.6 31.0

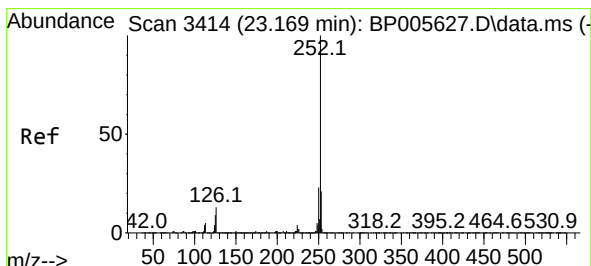
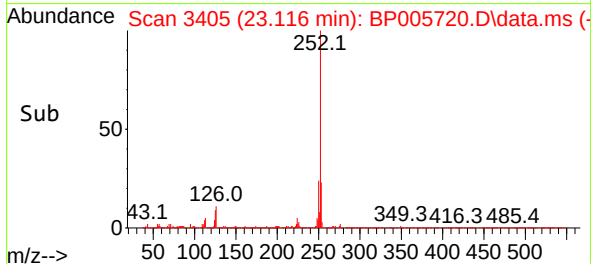
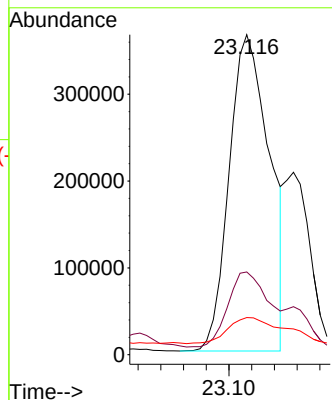
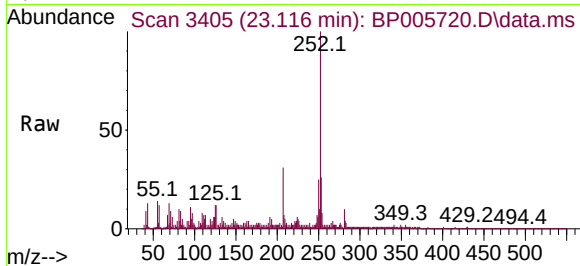




#88
Benzo(b)fluoranthene
Concen: 13.32 ng
RT: 23.116 min Scan# 3405
Delta R.T. -0.000 min
Lab File: BP005720.D
Acq: 04 Jun 2021 19:59

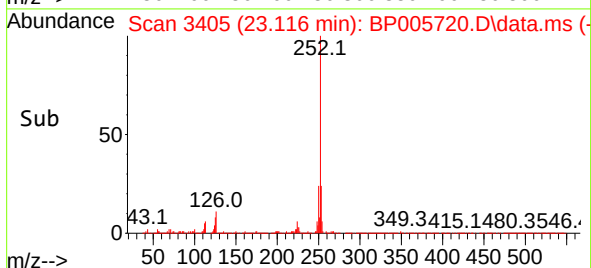
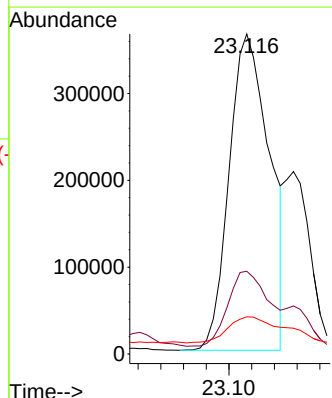
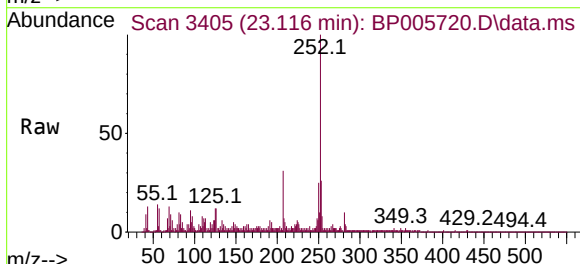
Instrument :
BNA_P
ClientSampleId :
18-B7(4-6)

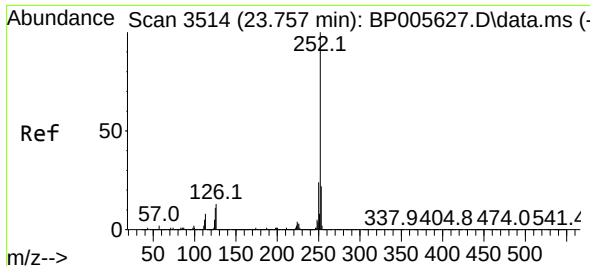
Tgt Ion:252 Resp: 899590
Ion Ratio Lower Upper
252 100
253 25.8 18.2 27.2
125 11.6 3.4 5.0#



#89
Benzo(k)fluoranthene
Concen: 14.05 ng
RT: 23.116 min Scan# 3405
Delta R.T. -0.053 min
Lab File: BP005720.D
Acq: 04 Jun 2021 19:59

Tgt Ion:252 Resp: 899590
Ion Ratio Lower Upper
252 100
253 25.8 17.2 25.8#
125 11.6 3.8 5.6#

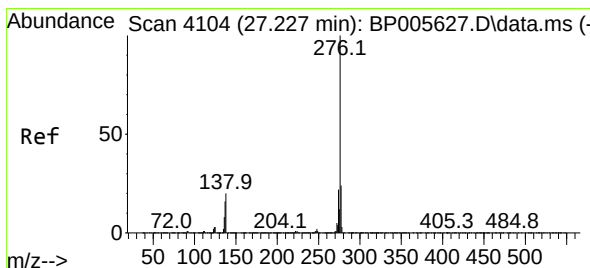
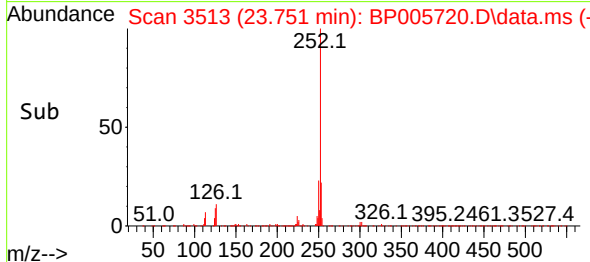
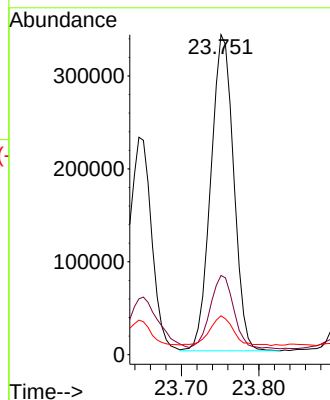
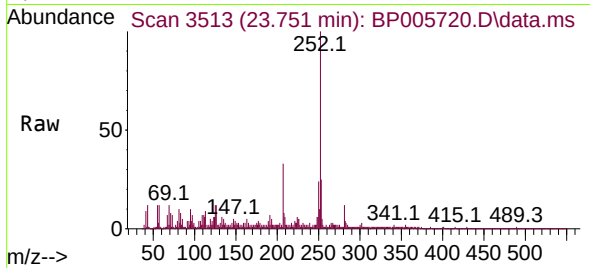




#90
Benzo(a)pyrene
Concen: 11.33 ng
RT: 23.751 min Scan# 3513
Delta R.T. -0.006 min
Lab File: BP005720.D
Acq: 04 Jun 2021 19:59

Instrument :
BNA_P
ClientSampleId :
18-B7(4-6)

Tgt Ion:252 Resp: 696260
Ion Ratio Lower Upper
252 100
253 24.7 17.1 25.7
125 12.2 3.8 5.6#



#92
Benzo(g,h,i)perylene
Concen: 7.45 ng
RT: 27.227 min Scan# 4104
Delta R.T. 0.000 min
Lab File: BP005720.D
Acq: 04 Jun 2021 19:59

Tgt Ion:276 Resp: 494226
Ion Ratio Lower Upper
276 100
277 25.9 19.8 29.8
138 18.6 7.7 11.5#

