

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060721\
 Data File : BP005765.D
 Acq On : 08 Jun 2021 05:53
 Operator : CG/JU
 Sample : M2580-32
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 18-B5(4-6)

Quant Time: Jun 08 07:25:56 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 07 12:13:53 2021
 Response via : Initial Calibration

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

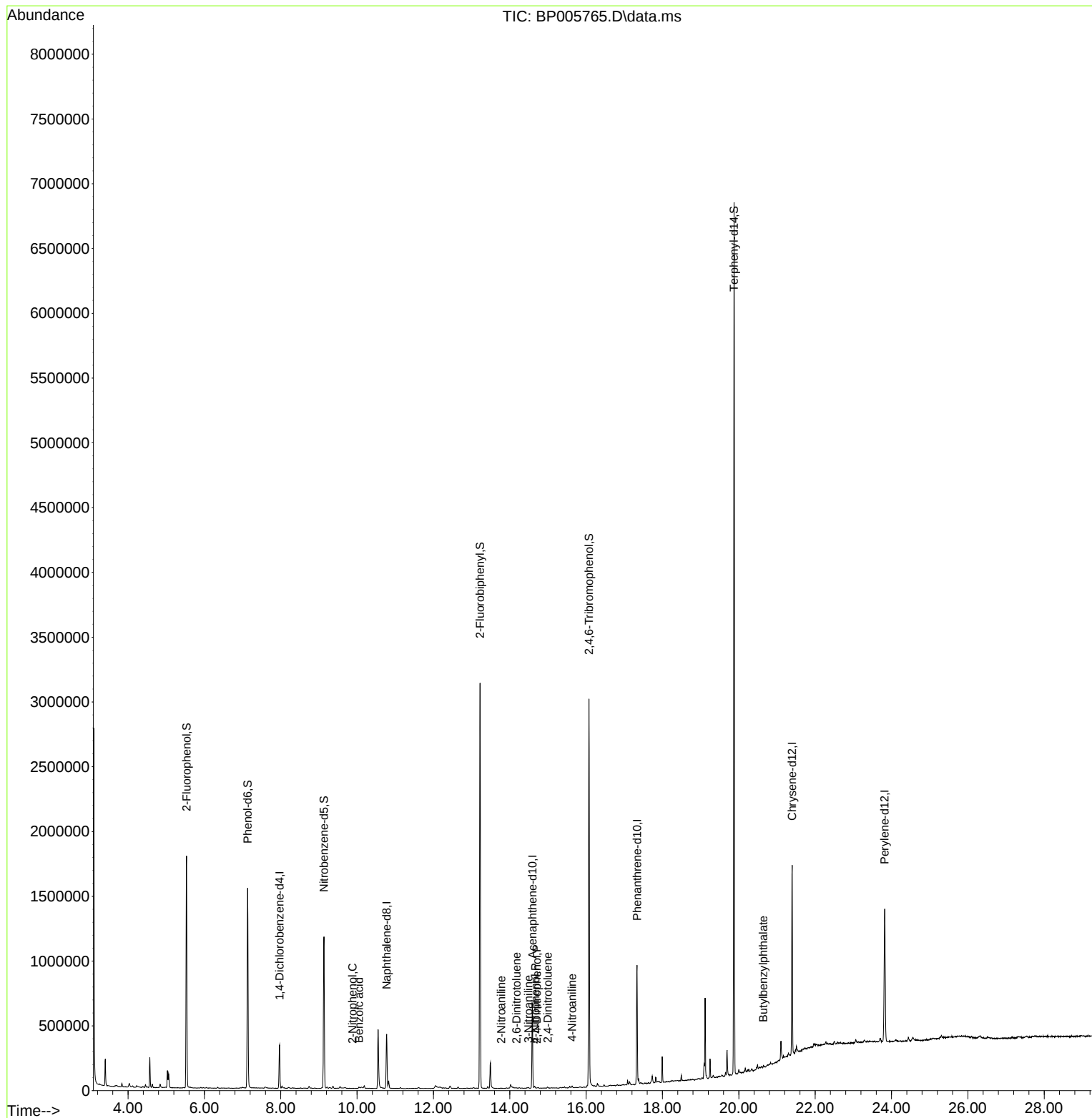
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.969	152	91637	20.00	ng	0.00
21) Naphthalene-d8	10.775	136	349420	20.00	ng	-0.01
39) Acenaphthene-d10	14.592	164	238914	20.00	ng	-0.01
64) Phenanthrene-d10	17.333	188	557717	20.00	ng	-0.01
76) Chrysene-d12	21.398	240	720665	20.00	ng	#-0.02
86) Perylene-d12	23.821	264	827373	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	786345	133.41	ng	0.00
7) Phenol-d6	7.134	99	853729	106.25	ng	0.00
23) Nitrobenzene-d5	9.134	82	675171	107.46	ng	0.00
42) 2,4,6-Tribromophenol	16.075	330	620933	202.68	ng	-0.02
45) 2-Fluorobiphenyl	13.222	172	1593841	88.29	ng	-0.01
79) Terphenyl-d14	19.874	244	3075515	80.08	ng	-0.01
Target Compounds						
						Qvalue
26) 2-Nitrophenol	9.881	139	41	4.17	ng	# 1
32) Benzoic acid	10.051	122	7379	7.25	ng	# 82
48) 2-Nitroaniline	13.781	65	162	4.53	ng	# 19
51) 2,6-Dinitrotoluene	14.175	165	144	5.09	ng	# 24
53) 3-Nitroaniline	14.492	138	48	3.66	ng	# 37
54) 2,4-Dinitrophenol	14.710	184	13	6.53	ng	# 1
56) 4-Nitrophenol	14.675	139	78	3.77	ng	97
57) 2,4-Dinitrotoluene	14.998	165	244	4.30	ng	# 51
62) 4-Nitroaniline	15.634	138	259	3.69	ng	# 24
80) Butylbenzylphthalate	20.639	149	411	4.15	ng	91

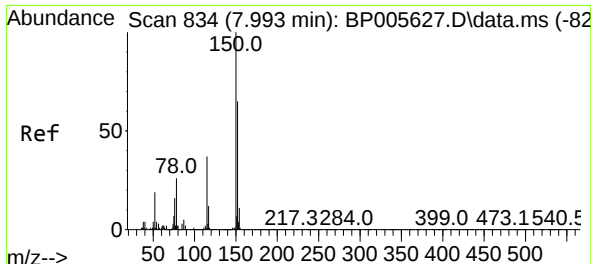
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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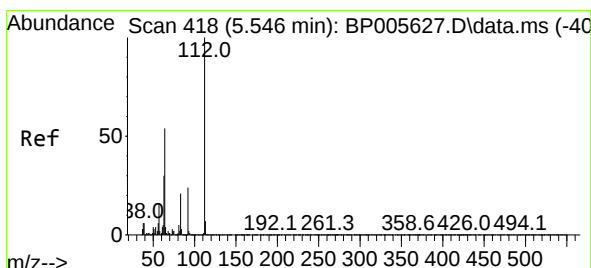
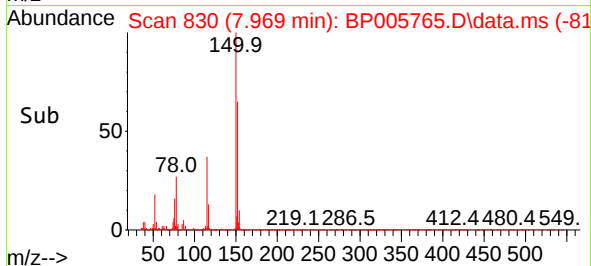
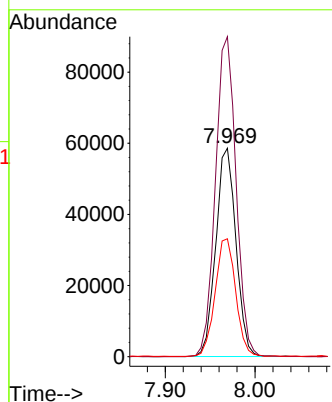
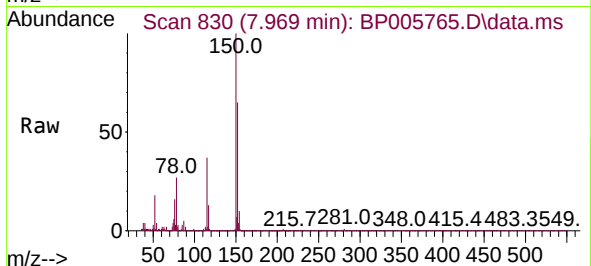


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.969 min Scan# 830
 Delta R.T. -0.006 min
 Lab File: BP005765.D
 Acq: 08 Jun 2021 05:53

Instrument :
 BNA_P
 ClientSampleId :
 18-B5(4-6)

Tgt Ion:152 Resp: 91637

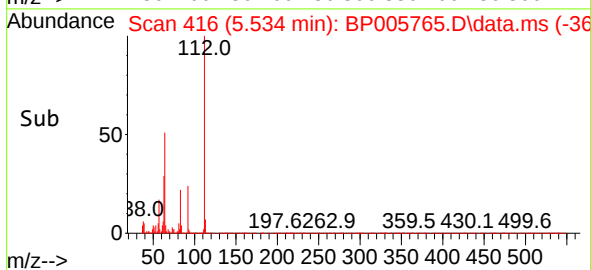
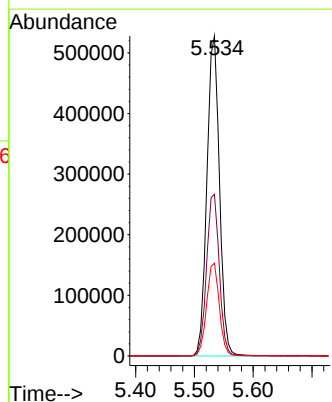
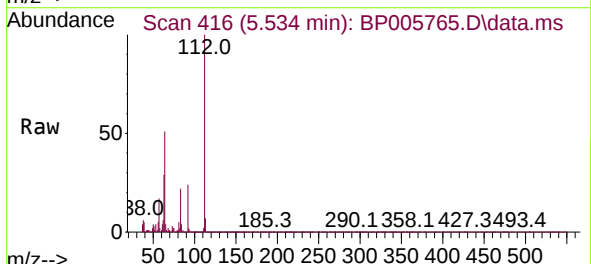
Ion	Ratio	Lower	Upper
152	100		
150	153.5	119.8	179.8
115	56.5	49.0	73.4

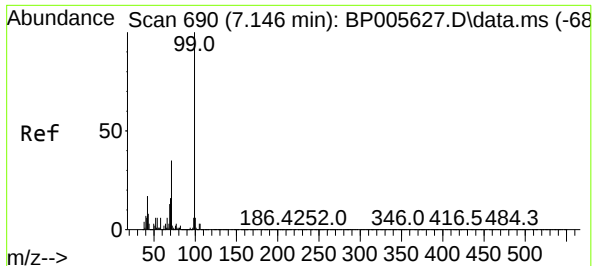


#5
 2-Fluorophenol
 Concen: 133.41 ng
 RT: 5.534 min Scan# 416
 Delta R.T. -0.000 min
 Lab File: BP005765.D
 Acq: 08 Jun 2021 05:53

Tgt Ion:112 Resp: 786345

Ion	Ratio	Lower	Upper
112	100		
64	50.5	33.6	50.4#
63	29.0	18.6	27.8#

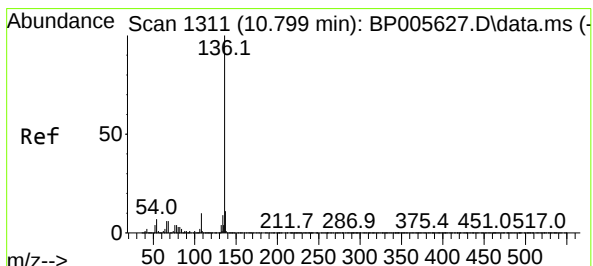
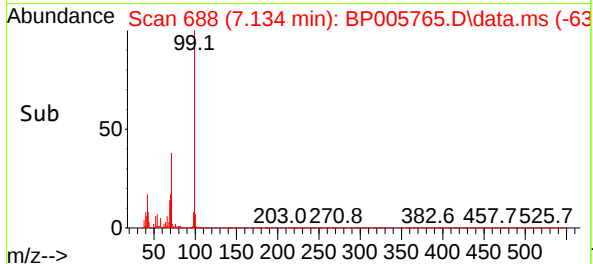
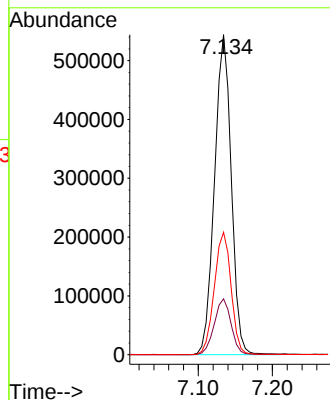
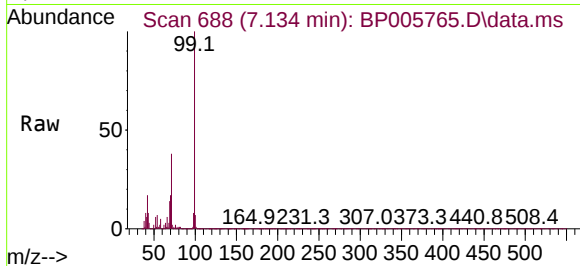




#7
Phenol-d6
Concen: 106.25 ng
RT: 7.134 min Scan# 688
Delta R.T. -0.006 min
Lab File: BP005765.D
Acq: 08 Jun 2021 05:53

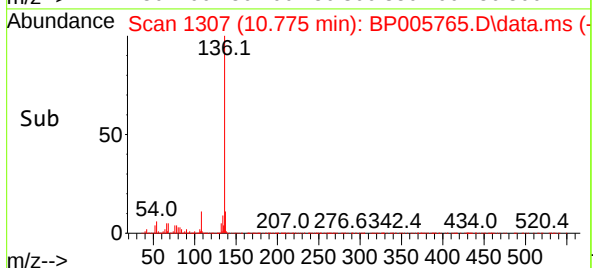
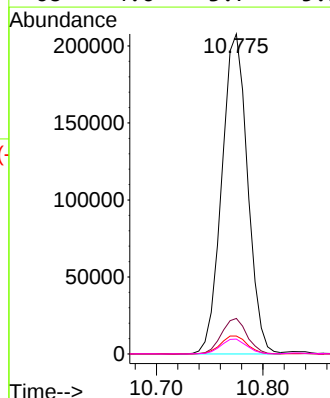
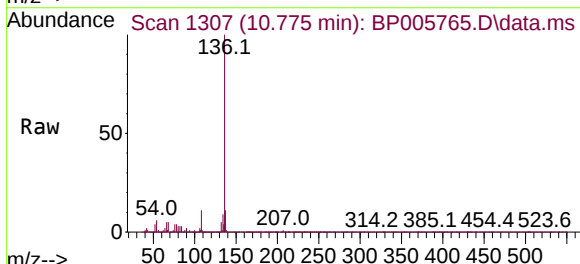
Instrument :
BNA_P
ClientSampleId :
18-B5(4-6)

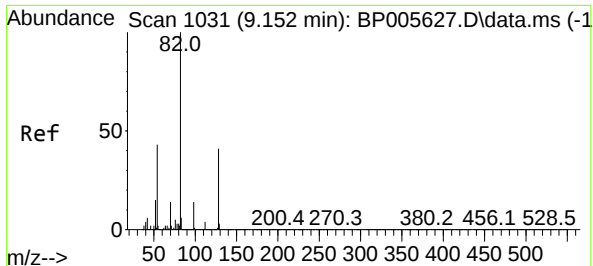
Tgt Ion:	99	Resp:	853729
Ion	Ratio	Lower	Upper
99	100		
42	17.5	12.9	19.3
71	38.3	26.7	40.1



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.775 min Scan# 1307
Delta R.T. -0.012 min
Lab File: BP005765.D
Acq: 08 Jun 2021 05:53

Tgt Ion:	136	Resp:	349420
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	5.6	5.0	7.4
68	4.6	3.7	5.5

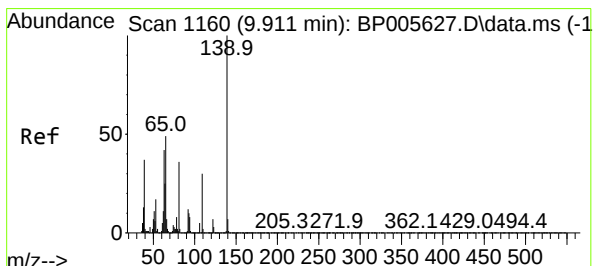
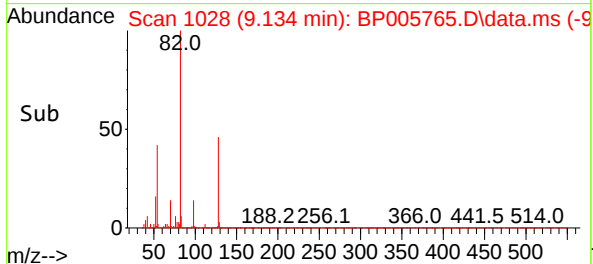
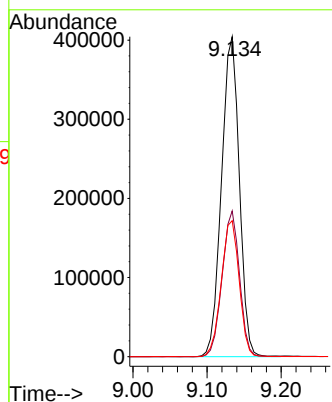
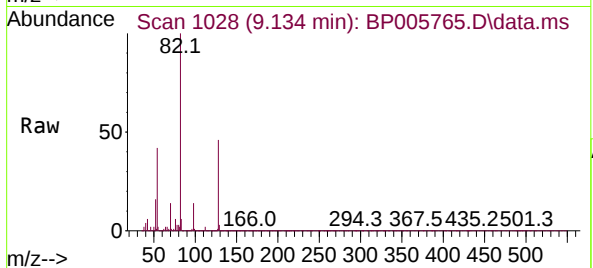




#23
Nitrobenzene-d5
Concen: 107.46 ng
RT: 9.134 min Scan# 1028
Delta R.T. -0.006 min
Lab File: BP005765.D
Acq: 08 Jun 2021 05:53

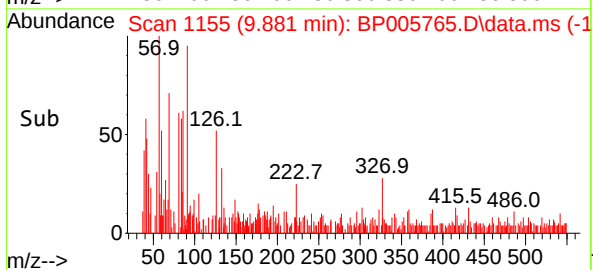
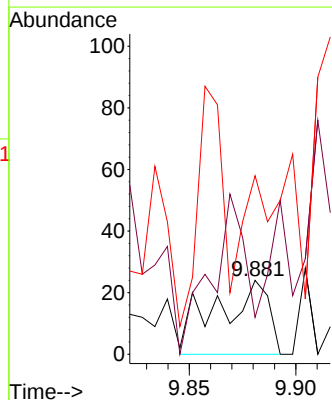
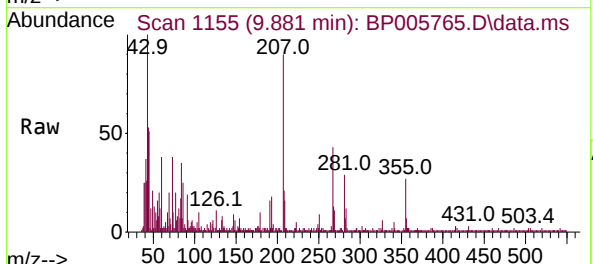
Instrument :
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ClientSampleId :
18-B5(4-6)

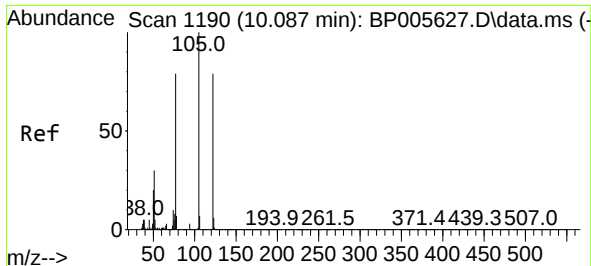
Tgt Ion: 82 Resp: 675171
Ion Ratio Lower Upper
82 100
128 45.6 30.5 45.7
54 42.5 33.9 50.9



#26
2-Nitrophenol
Concen: 4.17 ng
RT: 9.881 min Scan# 1155
Delta R.T. -0.018 min
Lab File: BP005765.D
Acq: 08 Jun 2021 05:53

Tgt Ion:139 Resp: 41
Ion Ratio Lower Upper
139 100
109 50.0 40.7 61.1
65 241.7 47.8 71.6#

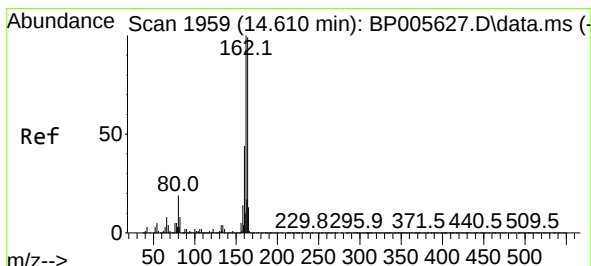
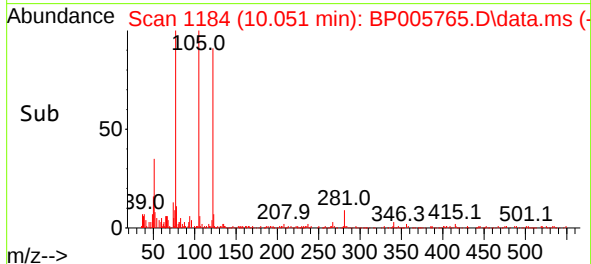
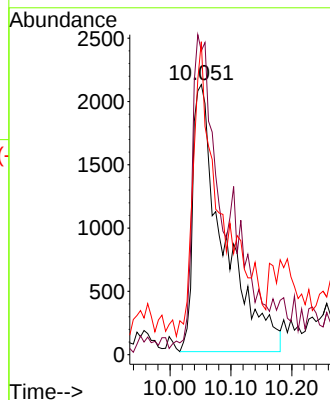
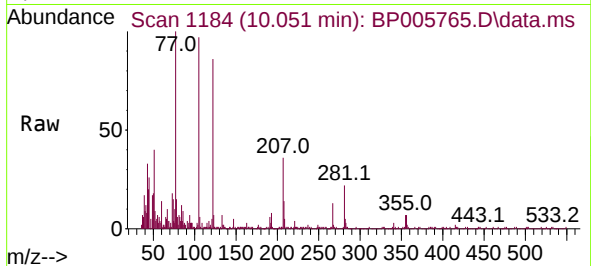




#32
Benzoic acid
Concen: 7.25 ng
RT: 10.051 min Scan# 1184
Delta R.T. -0.059 min
Lab File: BP005765.D
Acq: 08 Jun 2021 05:53

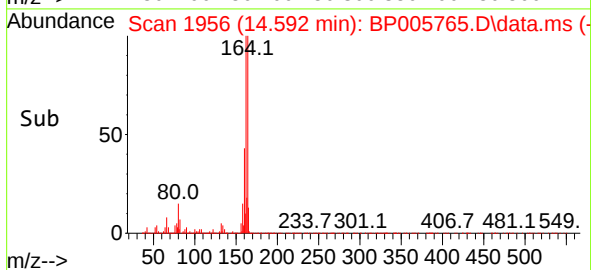
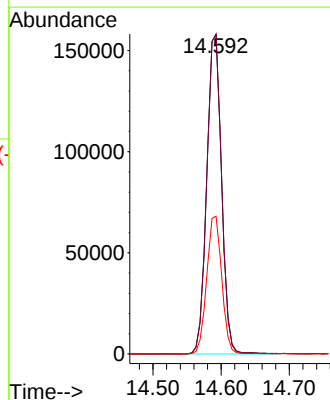
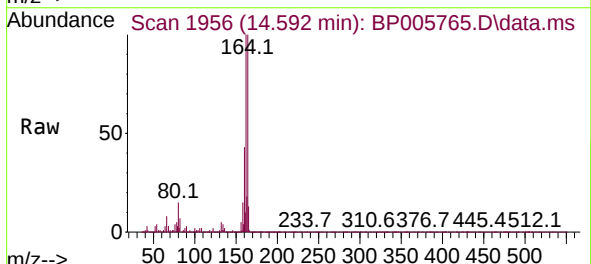
Instrument :
BNA_P
ClientSampleId :
18-B5(4-6)

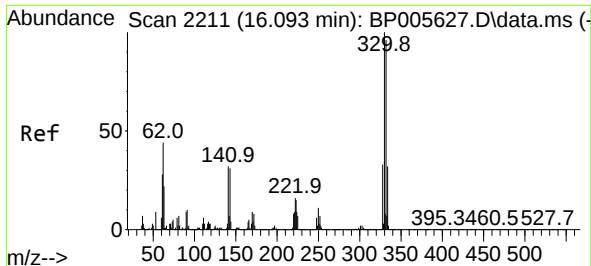
Tgt Ion:122 Resp: 7379
Ion Ratio Lower Upper
122 100
105 112.5 105.1 145.1
77 115.9 69.6 109.6#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.592 min Scan# 1956
Delta R.T. -0.012 min
Lab File: BP005765.D
Acq: 08 Jun 2021 05:53

Tgt Ion:164 Resp: 238914
Ion Ratio Lower Upper
164 100
162 100.2 73.5 110.3
160 43.2 40.6 61.0

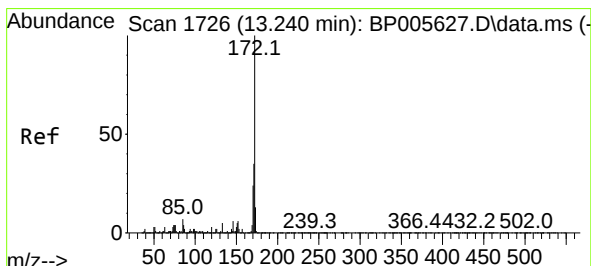
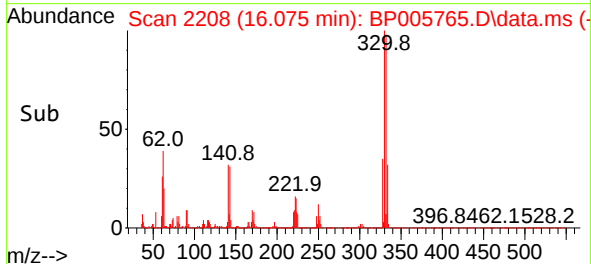
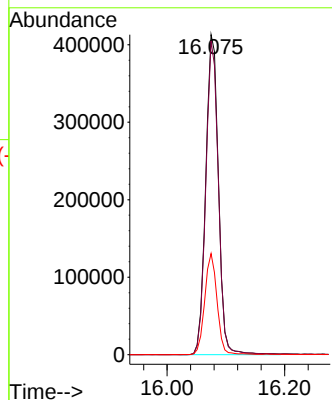
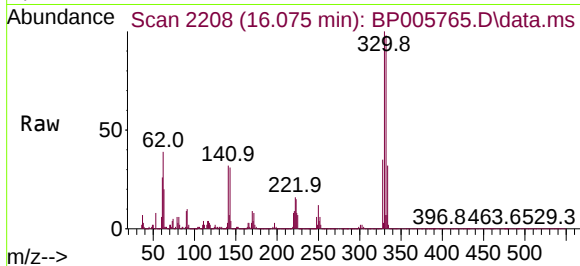




#42
2,4,6-Tribromophenol
Concen: 202.68 ng
RT: 16.075 min Scan# 2208
Delta R.T. -0.018 min
Lab File: BP005765.D
Acq: 08 Jun 2021 05:53

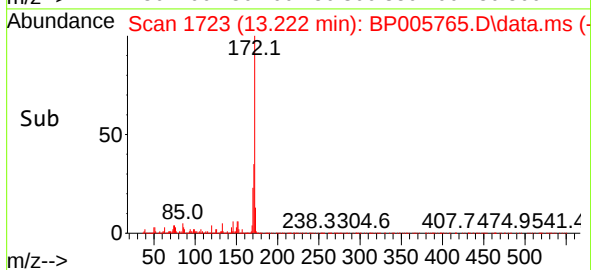
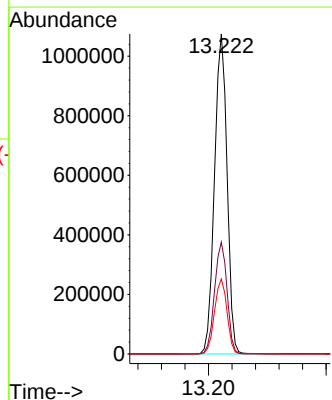
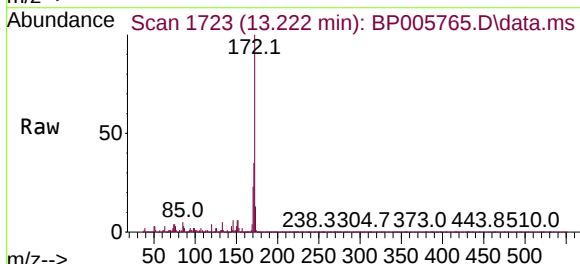
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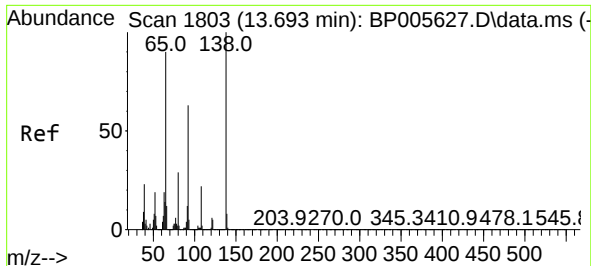
Tgt Ion:330 Resp: 620933
Ion Ratio Lower Upper
330 100
332 96.9 76.3 114.5
141 30.6 22.8 34.2



#45
2-Fluorobiphenyl
Concen: 88.29 ng
RT: 13.222 min Scan# 1723
Delta R.T. -0.012 min
Lab File: BP005765.D
Acq: 08 Jun 2021 05:53

Tgt Ion:172 Resp: 1593841
Ion Ratio Lower Upper
172 100
171 35.0 28.1 42.1
170 23.4 19.6 29.4

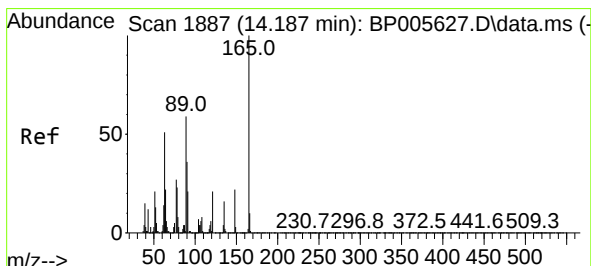
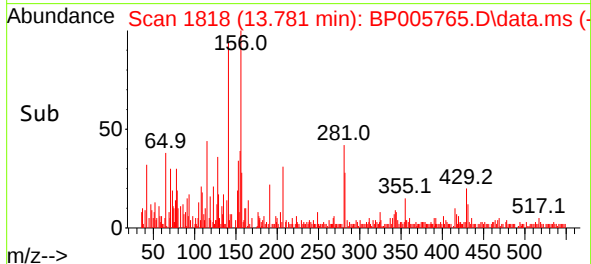
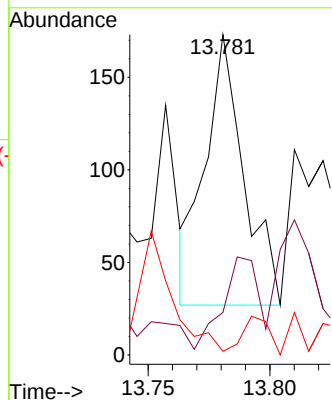
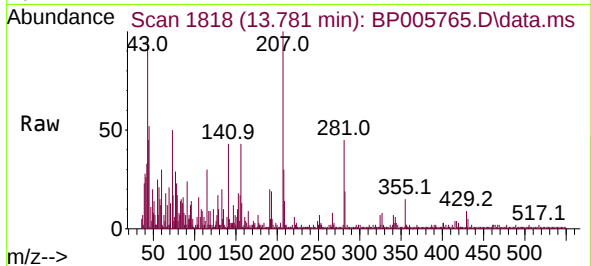




#48
2-Nitroaniline
Concen: 4.53 ng
RT: 13.781 min Scan# 1818
Delta R.T. 0.094 min
Lab File: BP005765.D
Acq: 08 Jun 2021 05:53

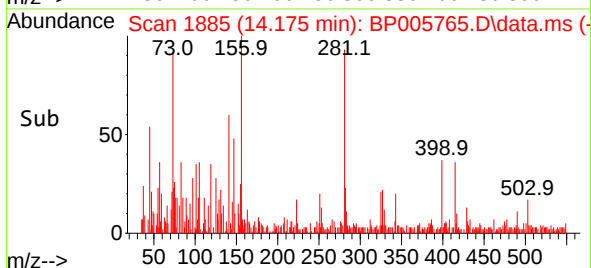
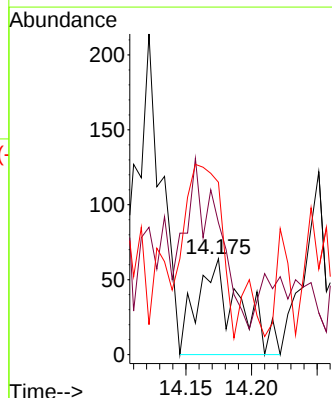
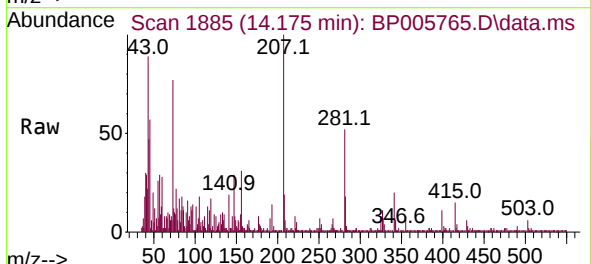
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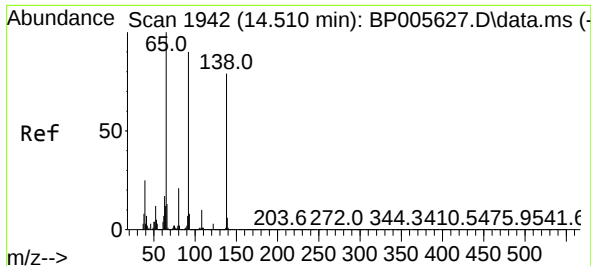
Tgt Ion: 65 Resp: 162
Ion Ratio Lower Upper
65 100
92 12.5 48.8 73.2#
138 1.1 69.5 104.3#



#51
2,6-Dinitrotoluene
Concen: 5.09 ng
RT: 14.175 min Scan# 1885
Delta R.T. -0.006 min
Lab File: BP005765.D
Acq: 08 Jun 2021 05:53

Tgt Ion: 165 Resp: 144
Ion Ratio Lower Upper
165 100
63 137.5 67.4 101.0#
89 179.7 73.8 110.6#

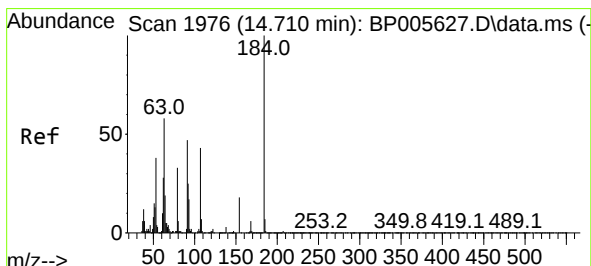
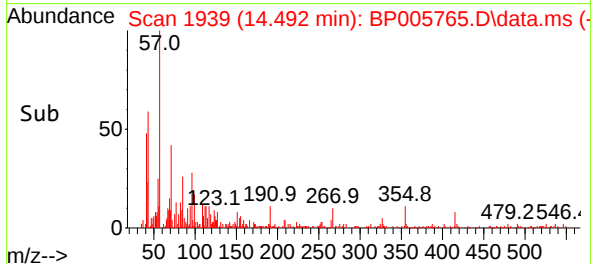
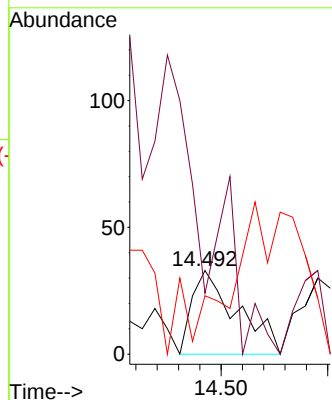
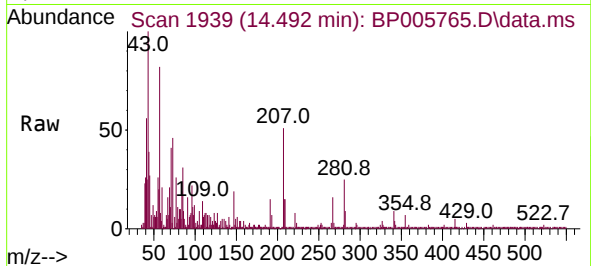




#53
3-Nitroaniline
Concen: 3.66 ng
RT: 14.492 min Scan# 1939
Delta R.T. -0.012 min
Lab File: BP005765.D
Acq: 08 Jun 2021 05:53

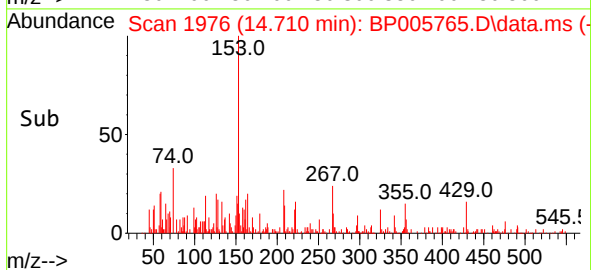
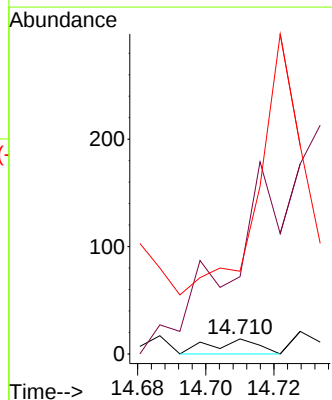
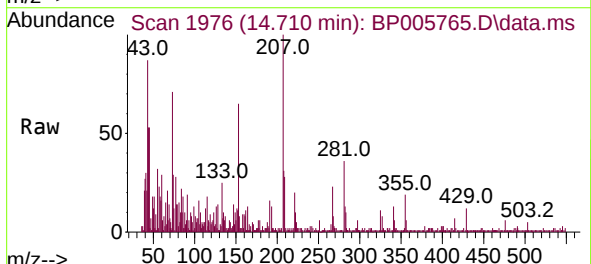
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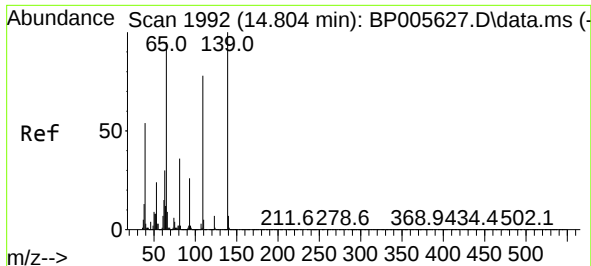
Tgt Ion:138 Resp: 48
Ion Ratio Lower Upper
138 100
108 72.7 10.2 15.4#
92 69.7 108.1 162.1#



#54
2,4-Dinitrophenol
Concen: 6.53 ng
RT: 14.710 min Scan# 1976
Delta R.T. -0.012 min
Lab File: BP005765.D
Acq: 08 Jun 2021 05:53

Tgt Ion:184 Resp: 13
Ion Ratio Lower Upper
184 100
63 514.3 51.2 76.8#
154 550.0 55.8 83.8#

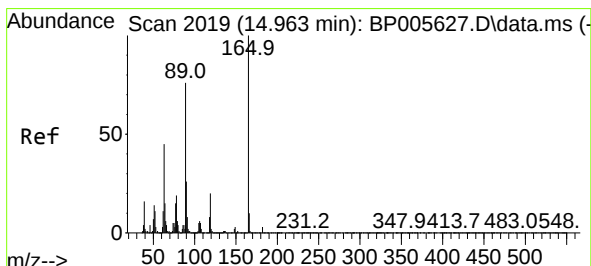
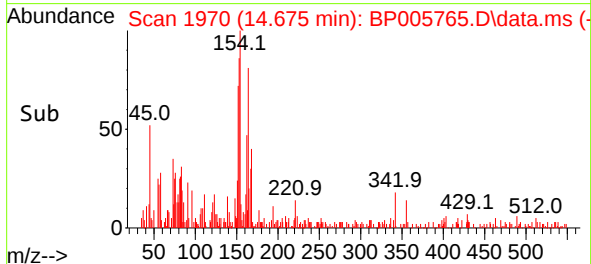
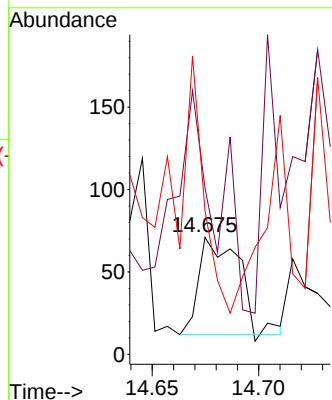
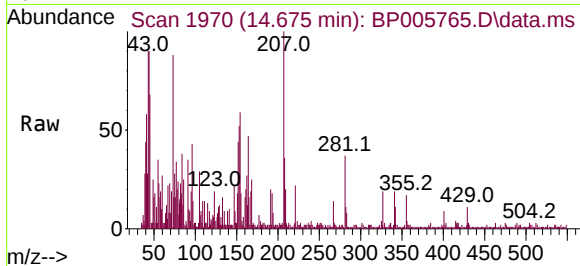




#56
4-Nitrophenol
Concen: 3.77 ng
RT: 14.675 min Scan# 1970
Delta R.T. -0.141 min
Lab File: BP005765.D
Acq: 08 Jun 2021 05:53

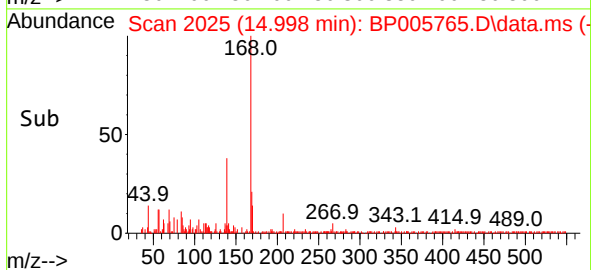
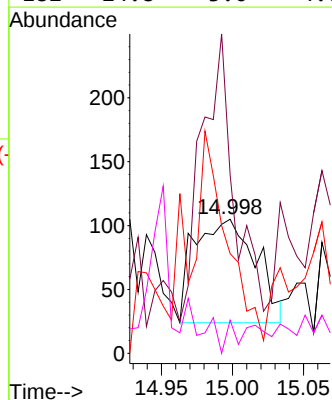
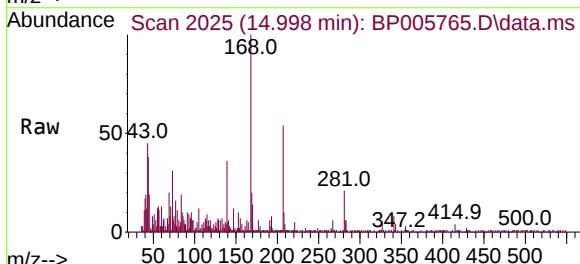
Instrument :
BNA_P
ClientSampleId :
18-B5(4-6)

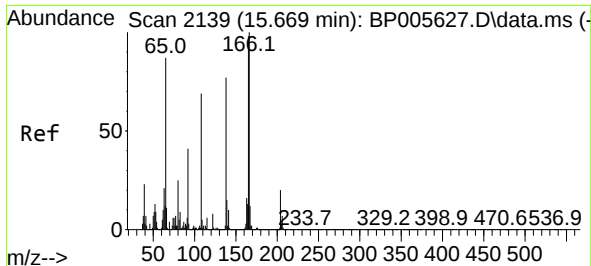
Tgt Ion:139 Resp: 78
Ion Ratio Lower Upper
139 100
109 142.3 122.8 162.8
65 122.5 110.0 150.0



#57
2,4-Dinitrotoluene
Concen: 4.30 ng
RT: 14.998 min Scan# 2025
Delta R.T. 0.029 min
Lab File: BP005765.D
Acq: 08 Jun 2021 05:53

Tgt Ion:165 Resp: 244
Ion Ratio Lower Upper
165 100
63 133.3 56.7 85.1#
89 74.3 85.8 128.6#
182 24.8 3.0 4.6#

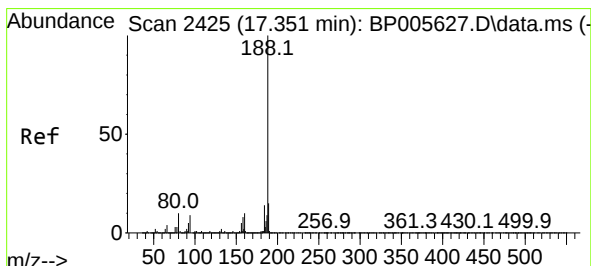
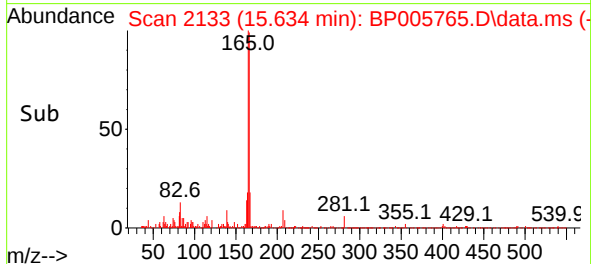
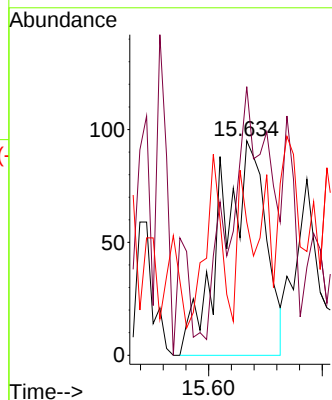
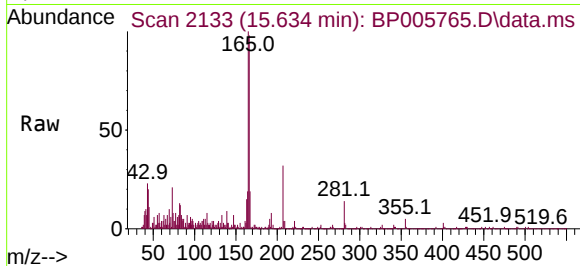




#62
4-Nitroaniline
Concen: 3.69 ng
RT: 15.634 min Scan# 2133
Delta R.T. -0.029 min
Lab File: BP005765.D
Acq: 08 Jun 2021 05:53

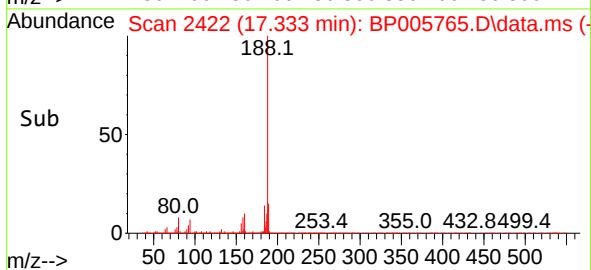
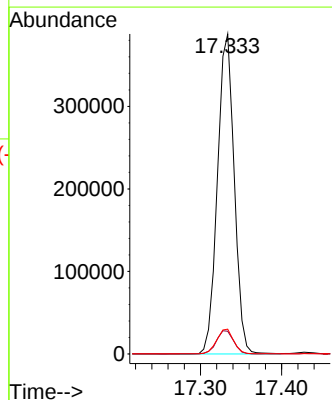
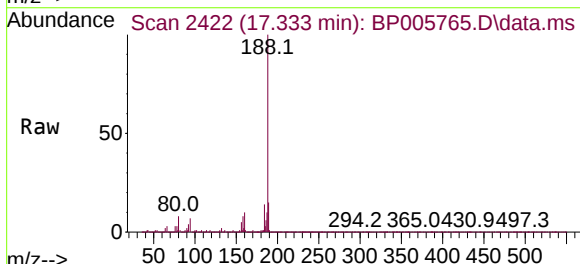
Instrument :
BNA_P
ClientSampleId :
18-B5(4-6)

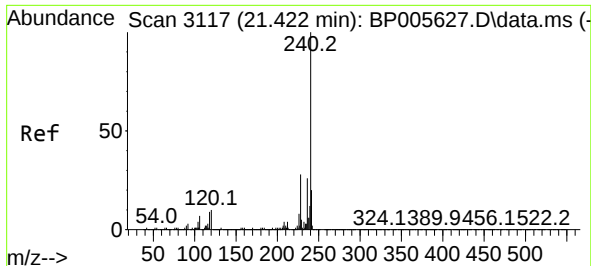
Tgt Ion:138 Resp: 259
Ion Ratio Lower Upper
138 100
92 125.3 50.9 90.9#
108 62.1 154.7 194.7#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.333 min Scan# 2422
Delta R.T. -0.012 min
Lab File: BP005765.D
Acq: 08 Jun 2021 05:53

Tgt Ion:188 Resp: 557717
Ion Ratio Lower Upper
188 100
94 7.1 5.0 7.6
80 7.7 5.9 8.9

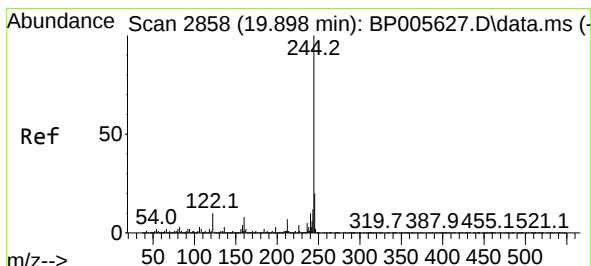
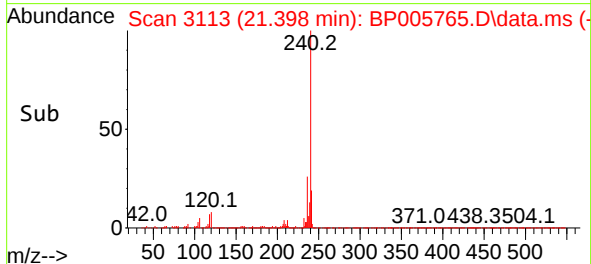
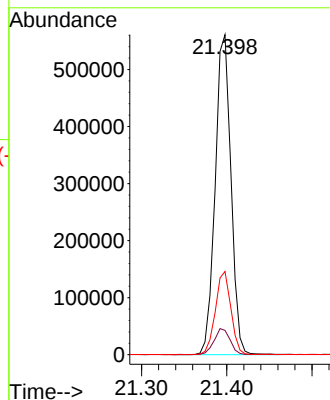
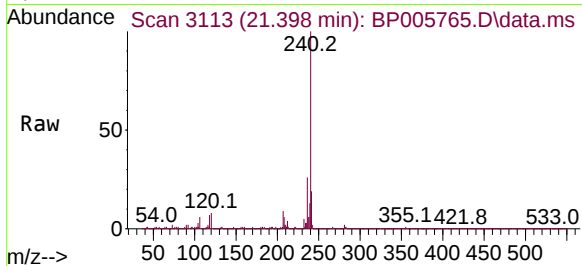




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.398 min Scan# 3113
Delta R.T. -0.018 min
Lab File: BP005765.D
Acq: 08 Jun 2021 05:53

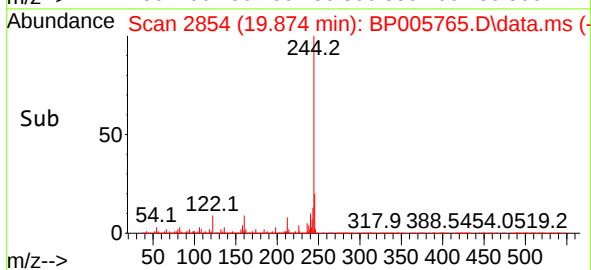
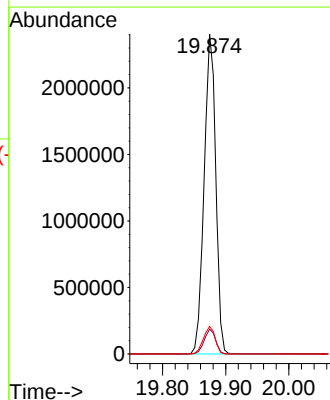
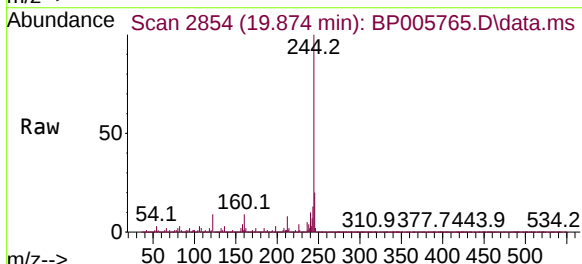
Instrument :
BNA_P
ClientSampleId :
18-B5(4-6)

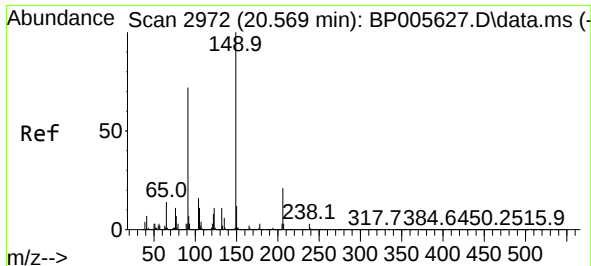
Tgt Ion:240 Resp: 720665
Ion Ratio Lower Upper
240 100
120 7.6 4.2 6.2#
236 26.0 20.2 30.2



#79
Terphenyl-d14
Concen: 80.08 ng
RT: 19.874 min Scan# 2854
Delta R.T. -0.012 min
Lab File: BP005765.D
Acq: 08 Jun 2021 05:53

Tgt Ion:244 Resp: 3075515
Ion Ratio Lower Upper
244 100
212 7.7 5.8 8.6
122 8.6 5.2 7.8#

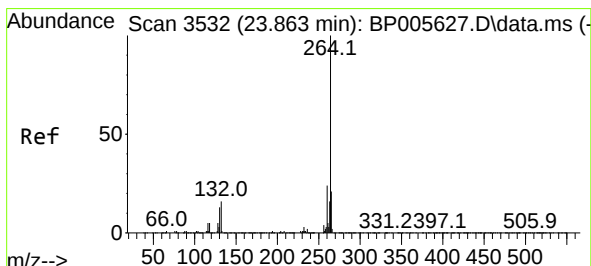
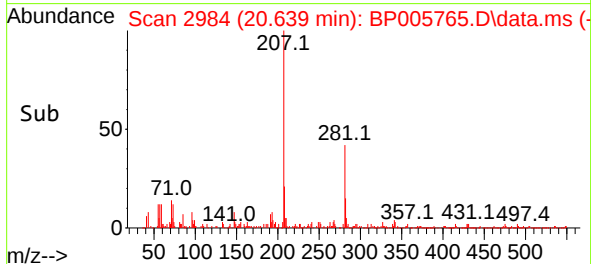
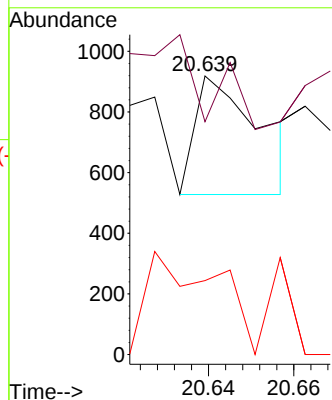
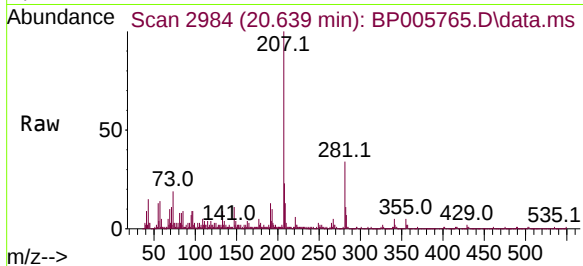




#80
Butylbenzylphthalate
Concen: 4.15 ng
RT: 20.639 min Scan# 2984
Delta R.T. 0.082 min
Lab File: BP005765.D
Acq: 08 Jun 2021 05:53

Instrument :
BNA_P
ClientSampled :
18-B5(4-6)

Tgt Ion:	149	Resp:	411
Ion	Ratio	Lower	Upper
149	100		
91	83.6	60.2	90.4
206	26.6	23.9	35.9



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.821 min Scan# 3525
Delta R.T. -0.029 min
Lab File: BP005765.D
Acq: 08 Jun 2021 05:53

Tgt Ion:	264	Resp:	827373
Ion	Ratio	Lower	Upper
264	100		
260	23.6	20.6	30.8
265	21.6	19.0	28.6

