

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060221\
 Data File : BP005670.D
 Acq On : 02 Jun 2021 17:48
 Operator : CG/JU
 Sample : M2580-08 2X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 18-B3(2-4)

Quant Time: Jun 02 18:25:38 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)

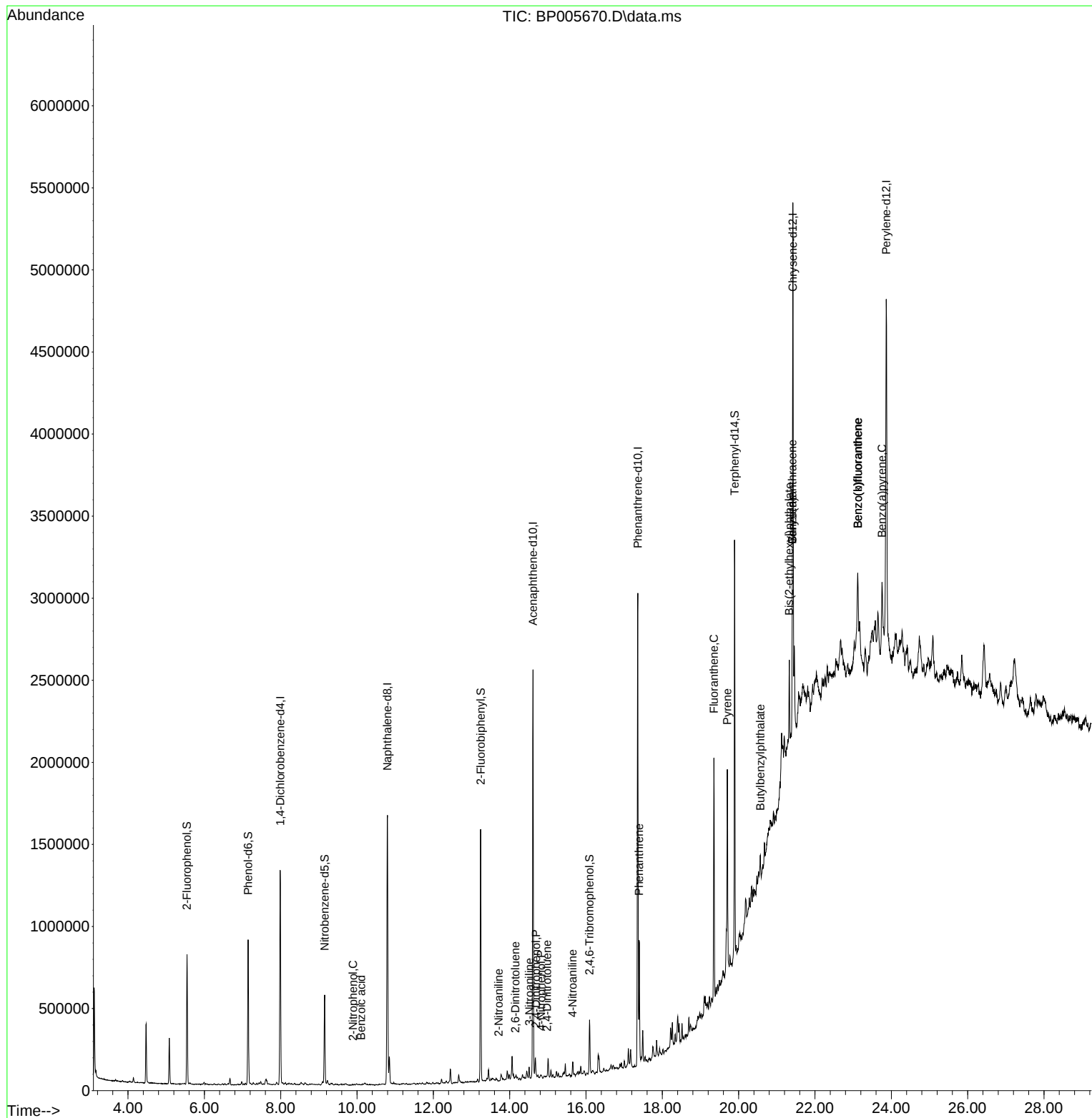
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.987	152	361635	20.00	ng	0.00
21) Naphthalene-d8	10.798	136	1403231	20.00	ng	0.00
39) Acenaphthene-d10	14.610	164	877553	20.00	ng	0.00
64) Phenanthrene-d10	17.357	188	1791573	20.00	ng	# 0.00
76) Chrysene-d12	21.421	240	1493821	20.00	ng	# 0.00
86) Perylene-d12	23.868	264	1639668	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.546	112	346752	14.91	ng	0.00
7) Phenol-d6	7.146	99	489942	15.45	ng	0.00
23) Nitrobenzene-d5	9.151	82	309610	12.27	ng	0.00
42) 2,4,6-Tribromophenol	16.092	330	73267	6.51	ng	0.00
45) 2-Fluorobiphenyl	13.239	172	795355	11.99	ng	0.00
79) Terphenyl-d14	19.892	244	1165829	14.64	ng	0.00
Target Compounds						Qvalue
26) 2-Nitrophenol	9.898	139	139	4.17	ng	# 1
32) Benzoic acid	10.110	122	188	5.03	ng	# 32
48) 2-Nitroaniline	13.710	65	173	4.50	ng	# 65
51) 2,6-Dinitrotoluene	14.151	165	537	5.09	ng	88
53) 3-Nitroaniline	14.516	138	235	3.67	ng	# 47
54) 2,4-Dinitrophenol	14.692	184	98	6.54	ng	# 1
56) 4-Nitrophenol	14.822	139	1115	3.83	ng	# 66
57) 2,4-Dinitrotoluene	14.980	165	334	4.28	ng	# 58
62) 4-Nitroaniline	15.651	138	930	3.68	ng	# 30
71) Phenanthrene	17.392	178	452099	4.05	ng	99
75) Fluoranthene	19.351	202	835116	6.23	ng	96
78) Pyrene	19.704	202	740977	7.03	ng	99
80) Butylbenzylphthalate	20.568	149	39578	4.98	ng	96
81) Benzo(a)anthracene	21.404	228	317158	2.89	ng	94
83) Chrysene	21.404	228	317158	2.99	ng	94
84) Bis(2-ethylhexyl)phtha...	21.327	149	163484	2.75	ng	100
88) Benzo(b)fluoranthene	23.121	252	380951	3.20	ng	# 76
89) Benzo(k)fluoranthene	23.121	252	380951	3.38	ng	# 74
90) Benzo(a)pyrene	23.756	252	270012	2.49	ng	# 81

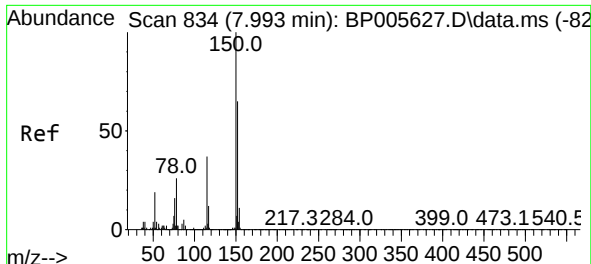
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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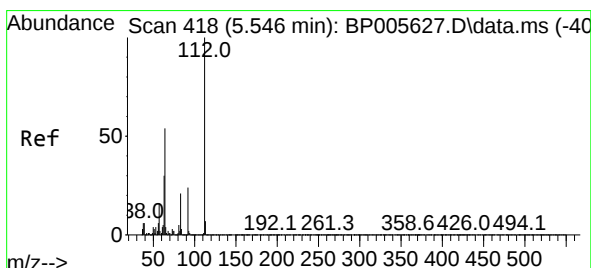
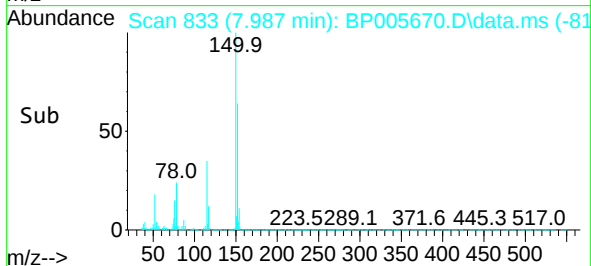
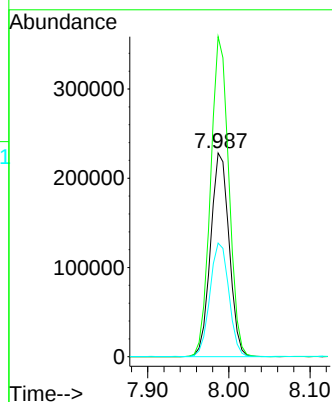
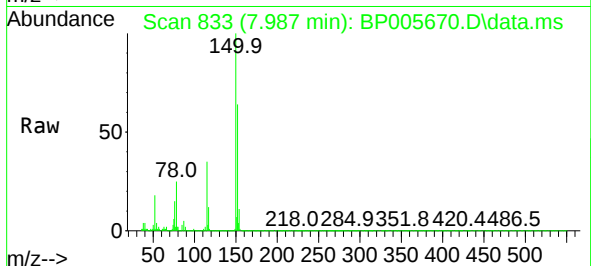




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.987 min Scan# 833
Delta R.T. -0.006 min
Lab File: BP005670.D
Acq: 02 Jun 2021 17:48

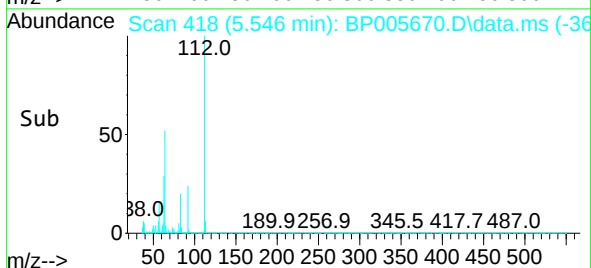
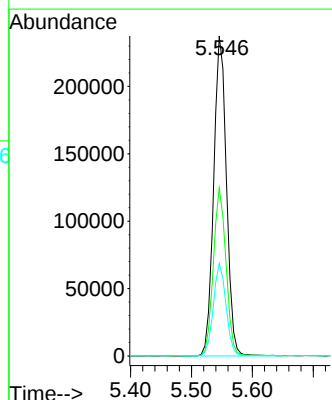
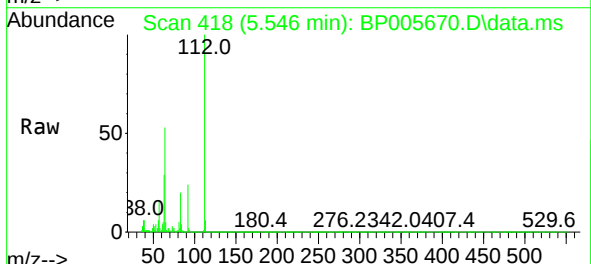
Instrument :
BNA_P
ClientSampleId :
18-B3(2-4)

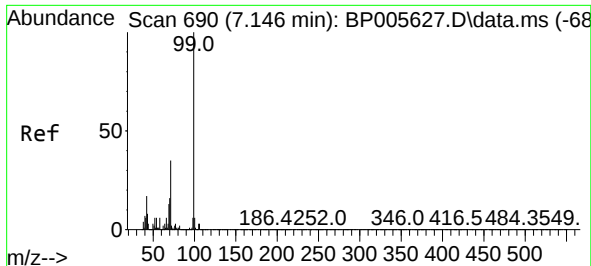
Tgt Ion:152 Resp: 361635
Ion Ratio Lower Upper
152 100
150 157.1 119.8 179.8
115 55.8 49.0 73.4



#5
2-Fluorophenol
Concen: 14.91 ng
RT: 5.546 min Scan# 418
Delta R.T. -0.000 min
Lab File: BP005670.D
Acq: 02 Jun 2021 17:48

Tgt Ion:112 Resp: 346752
Ion Ratio Lower Upper
112 100
64 52.5 33.6 50.4#
63 28.9 18.6 27.8#

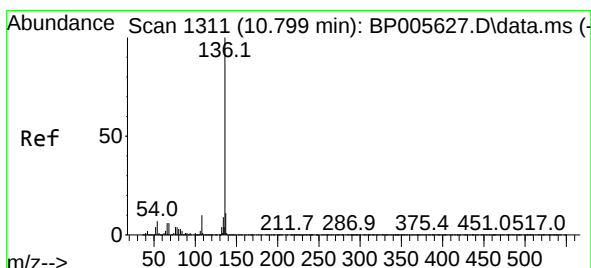
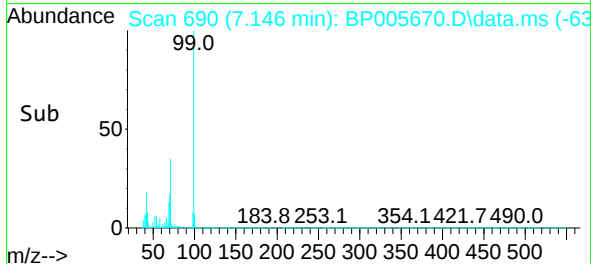
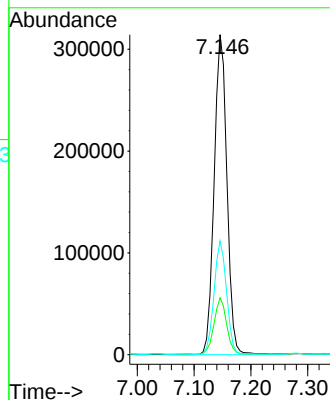
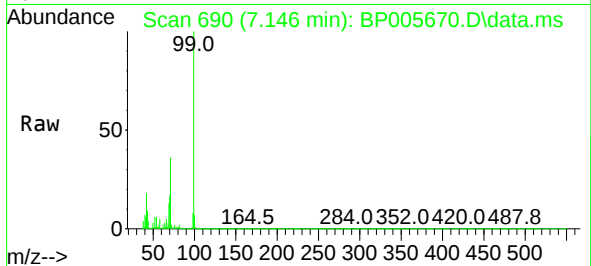




#7
Phenol-d6
Concen: 15.45 ng
RT: 7.146 min Scan# 690
Delta R.T. -0.000 min
Lab File: BP005670.D
Acq: 02 Jun 2021 17:48

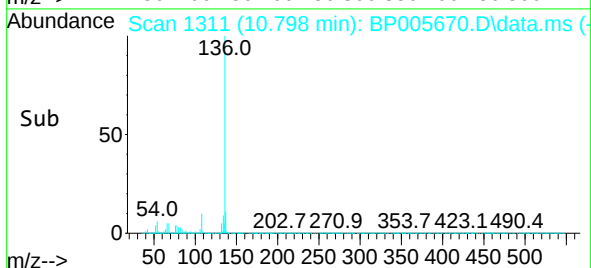
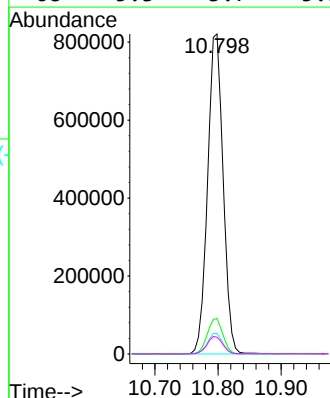
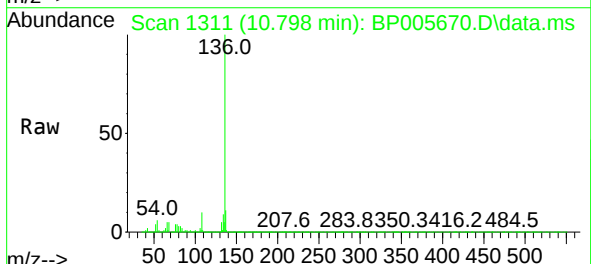
Instrument :
BNA_P
ClientSampleId :
18-B3(2-4)

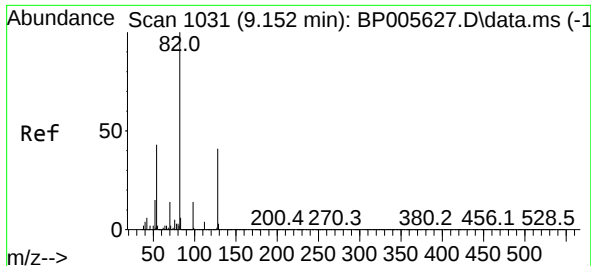
Tgt Ion:	99	Resp:	489942
Ion	Ratio	Lower	Upper
99	100		
42	17.8	12.9	19.3
71	35.5	26.7	40.1



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.798 min Scan# 1311
Delta R.T. -0.001 min
Lab File: BP005670.D
Acq: 02 Jun 2021 17:48

Tgt Ion:	136	Resp:	1403231
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	6.4	5.0	7.4
68	5.3	3.7	5.5

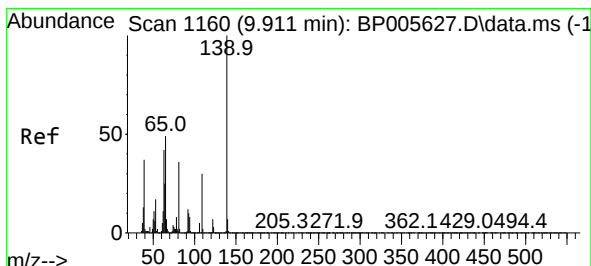
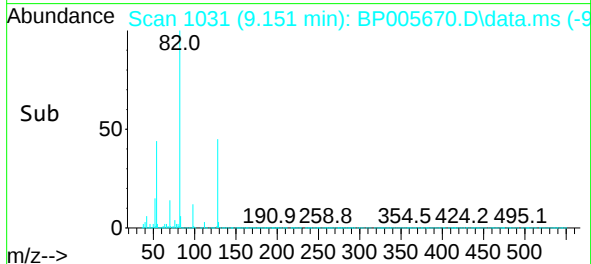
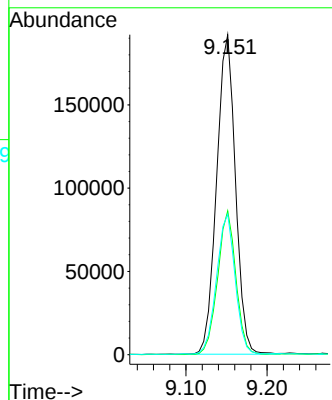
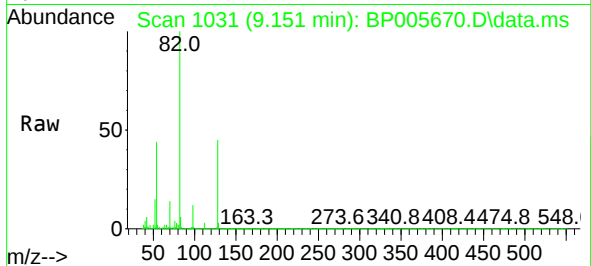




#23
Nitrobenzene-d5
Concen: 12.27 ng
RT: 9.151 min Scan# 1031
Delta R.T. -0.000 min
Lab File: BP005670.D
Acq: 02 Jun 2021 17:48

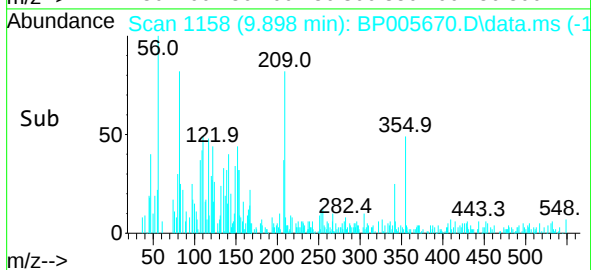
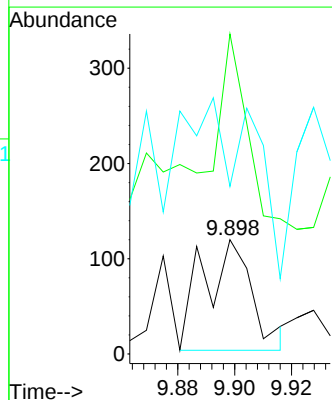
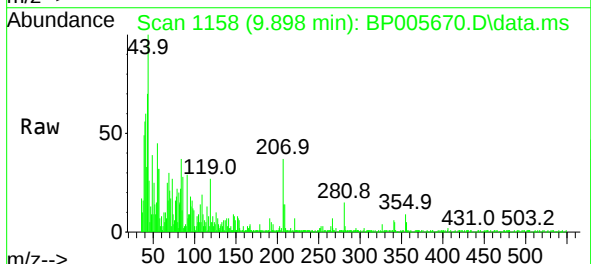
Instrument :
BNA_P
ClientSampleId :
18-B3(2-4)

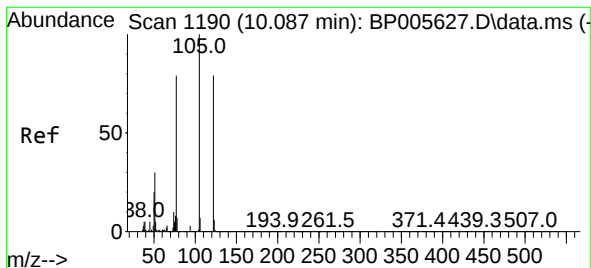
Tgt Ion: 82 Resp: 309610
Ion Ratio Lower Upper
82 100
128 45.0 30.5 45.7
54 43.9 33.9 50.9



#26
2-Nitrophenol
Concen: 4.17 ng
RT: 9.898 min Scan# 1158
Delta R.T. -0.013 min
Lab File: BP005670.D
Acq: 02 Jun 2021 17:48

Tgt Ion: 139 Resp: 139
Ion Ratio Lower Upper
139 100
109 280.0 40.7 61.1#
65 146.7 47.8 71.6#





#32

Benzoic acid

Concen: 5.03 ng

RT: 10.110 min Scan# 1194

Delta R.T. 0.023 min

Lab File: BP005670.D

Acq: 02 Jun 2021 17:48

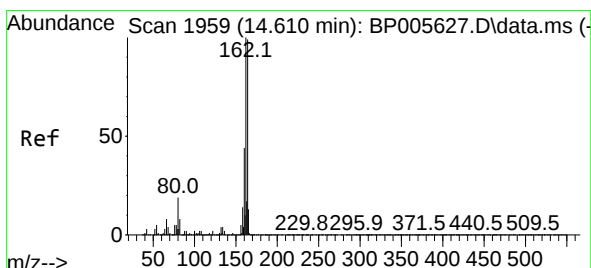
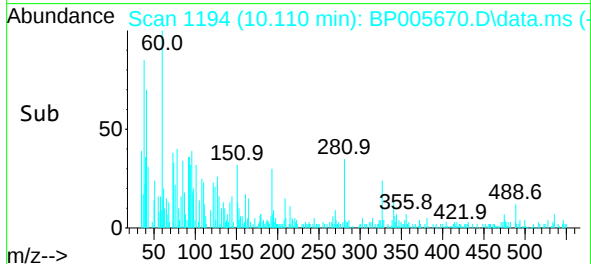
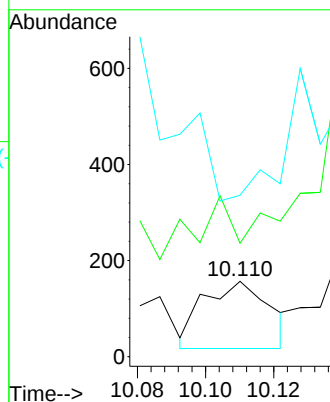
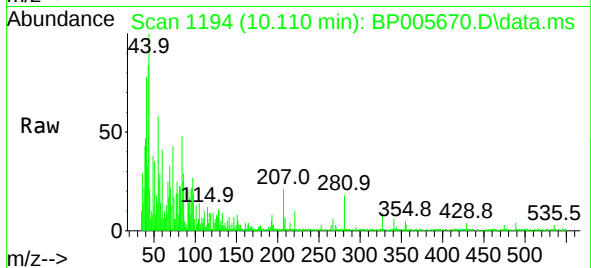
Instrument :

BNA_P

ClientSampleId :

18-B3(2-4)

Tgt Ion:	122	Resp:	188
Ion	Ratio	Lower	Upper
122	100		
105	150.3	105.1	145.1#
77	214.0	69.6	109.6#



#39

Acenaphthene-d10

Concen: 20.00 ng

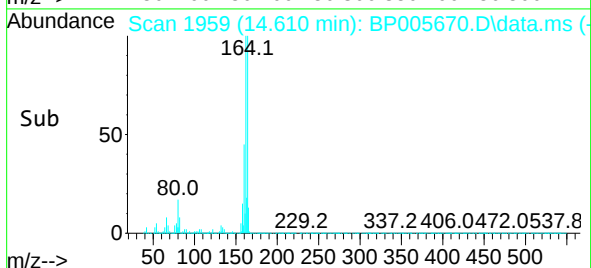
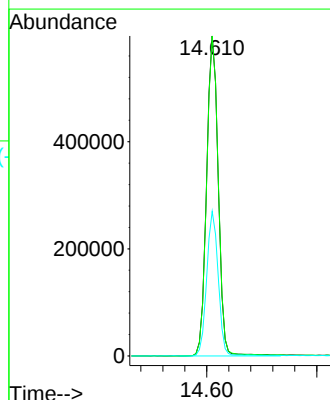
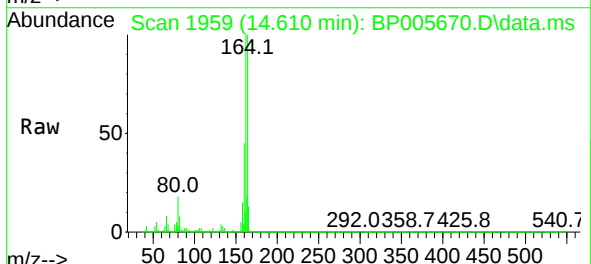
RT: 14.610 min Scan# 1959

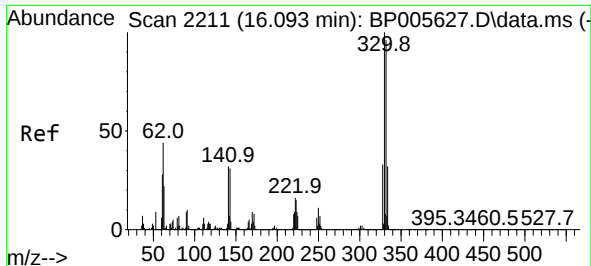
Delta R.T. -0.000 min

Lab File: BP005670.D

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Tgt Ion:	164	Resp:	877553
Ion	Ratio	Lower	Upper
164	100		
162	99.9	73.5	110.3
160	45.2	40.6	61.0

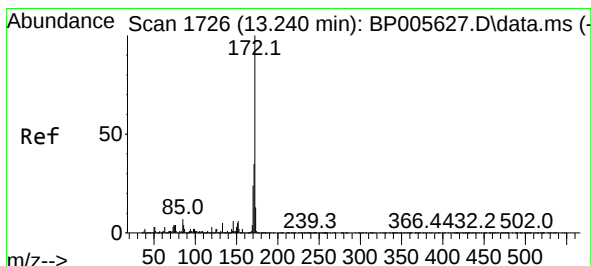
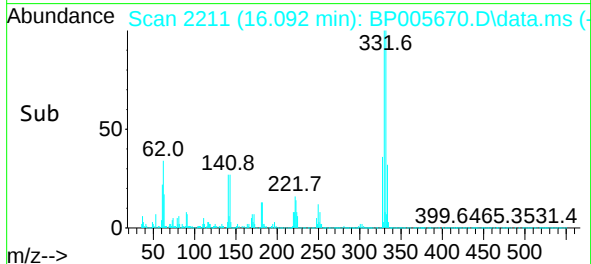
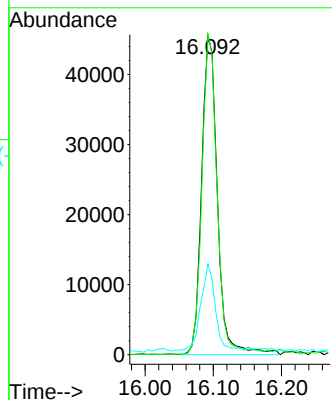
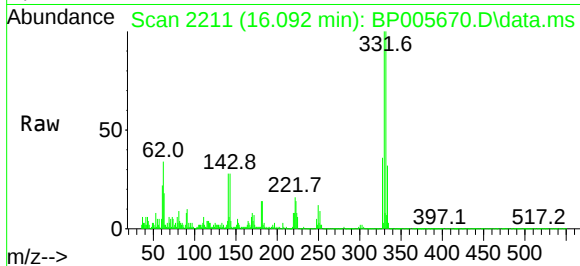




#42
2,4,6-Tribromophenol
Concen: 6.51 ng
RT: 16.092 min Scan# 2211
Delta R.T. -0.000 min
Lab File: BP005670.D
Acq: 02 Jun 2021 17:48

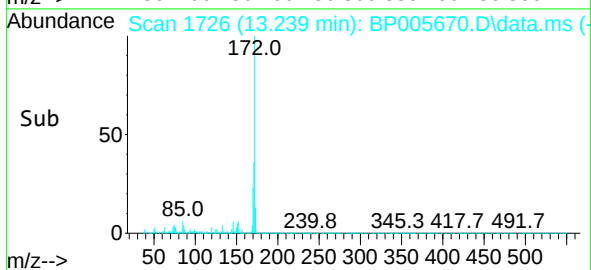
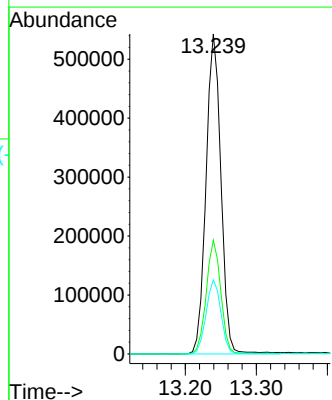
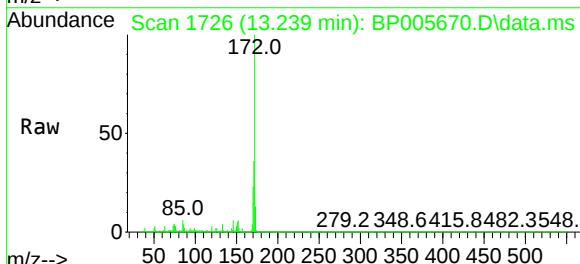
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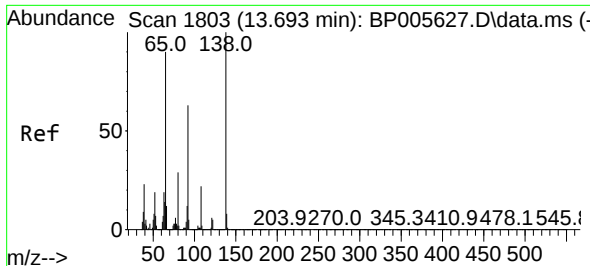
Tgt Ion: 330 Resp: 73267
Ion Ratio Lower Upper
330 100
332 95.2 76.3 114.5
141 25.2 22.8 34.2



#45
2-Fluorobiphenyl
Concen: 11.99 ng
RT: 13.239 min Scan# 1726
Delta R.T. -0.000 min
Lab File: BP005670.D
Acq: 02 Jun 2021 17:48

Tgt Ion: 172 Resp: 795355
Ion Ratio Lower Upper
172 100
171 35.5 28.1 42.1
170 23.1 19.6 29.4

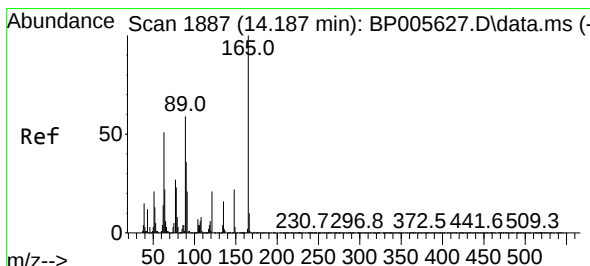
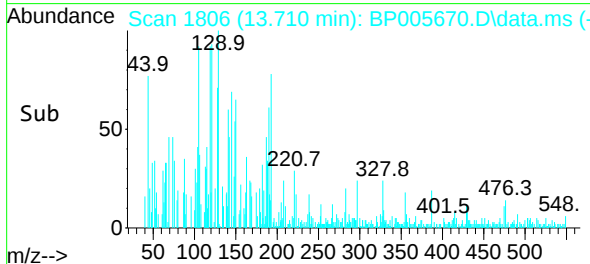
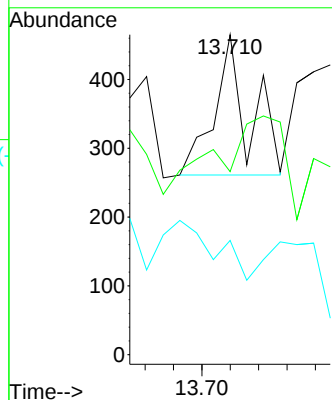
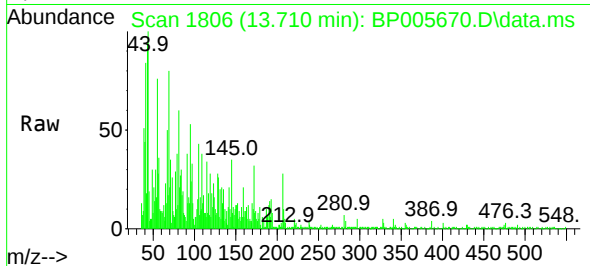




#48
2-Nitroaniline
Concen: 4.50 ng
RT: 13.710 min Scan# 1806
Delta R.T. 0.017 min
Lab File: BP005670.D
Acq: 02 Jun 2021 17:48

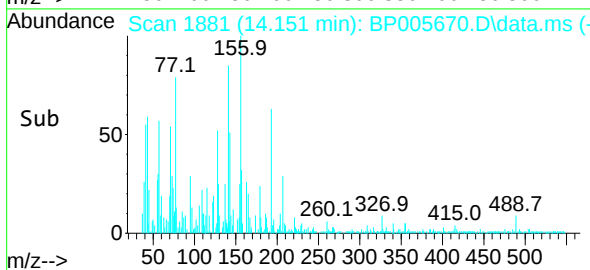
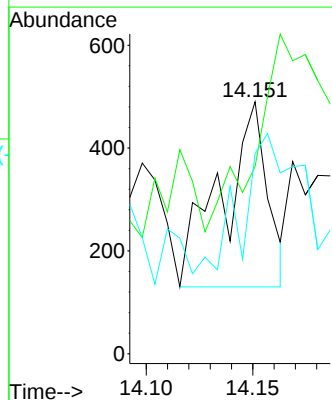
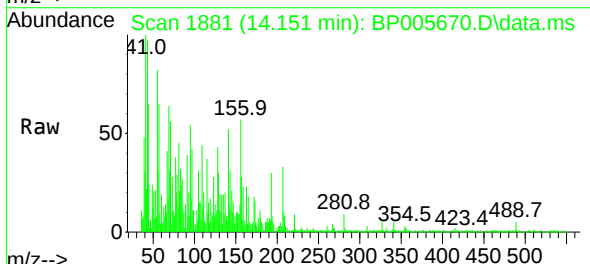
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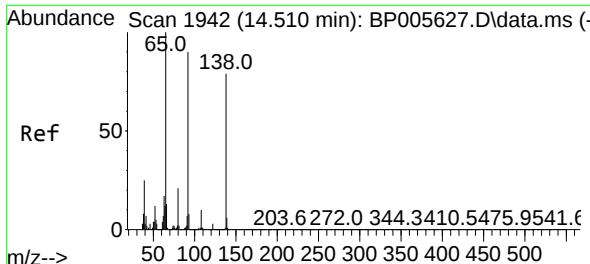
Tgt Ion: 65 Resp: 173
Ion Ratio Lower Upper
65 100
92 57.2 48.8 73.2
138 35.7 69.5 104.3#



#51
2,6-Dinitrotoluene
Concen: 5.09 ng
RT: 14.151 min Scan# 1881
Delta R.T. -0.036 min
Lab File: BP005670.D
Acq: 02 Jun 2021 17:48

Tgt Ion:165 Resp: 537
Ion Ratio Lower Upper
165 100
63 74.3 67.4 101.0
89 79.6 73.8 110.6

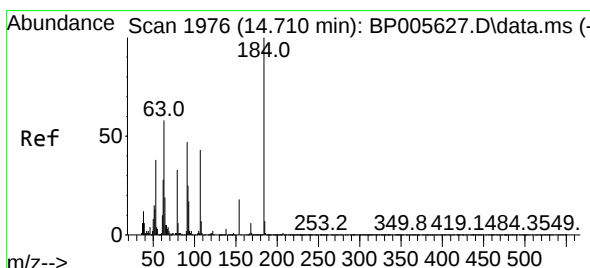
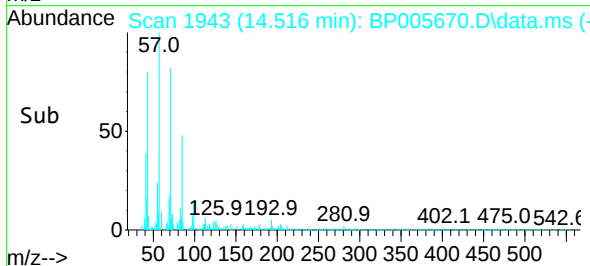
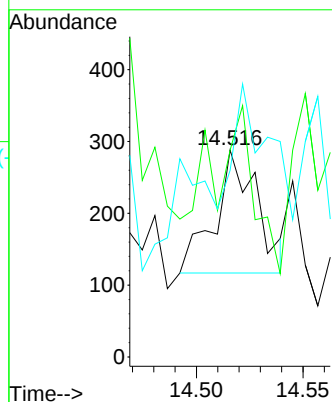
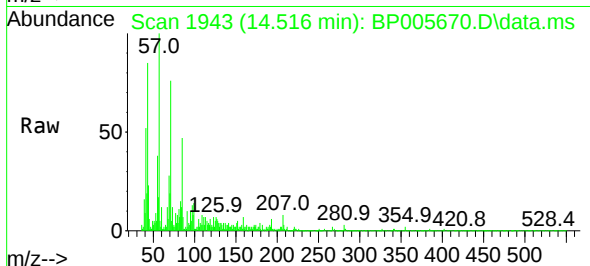




#53
3-Nitroaniline
Concen: 3.67 ng
RT: 14.516 min Scan# 1943
Delta R.T. 0.006 min
Lab File: BP005670.D
Acq: 02 Jun 2021 17:48

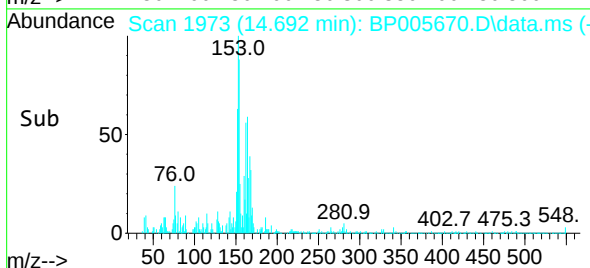
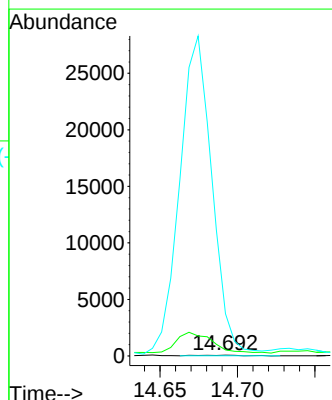
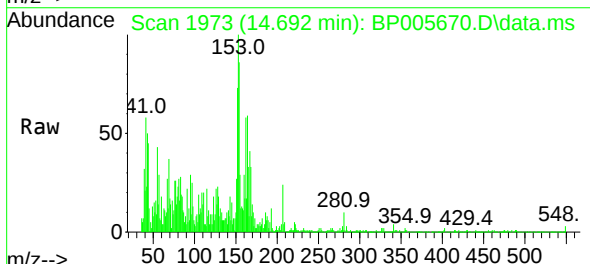
Instrument :
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ClientSampleId :
18-B3(2-4)

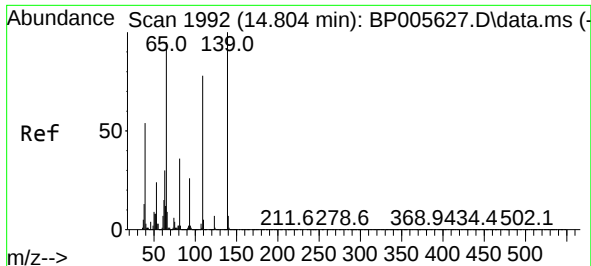
Tgt Ion:138 Resp: 235
Ion Ratio Lower Upper
138 100
108 100.0 10.2 15.4#
92 90.3 108.1 162.1#



#54
2,4-Dinitrophenol
Concen: 6.54 ng
RT: 14.692 min Scan# 1973
Delta R.T. -0.018 min
Lab File: BP005670.D
Acq: 02 Jun 2021 17:48

Tgt Ion:184 Resp: 98
Ion Ratio Lower Upper
184 100
63 820.0 51.2 76.8#
154 5738.5 55.8 83.8#

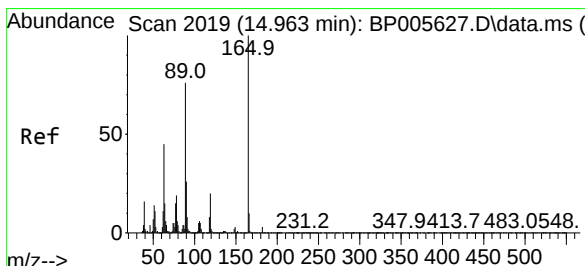
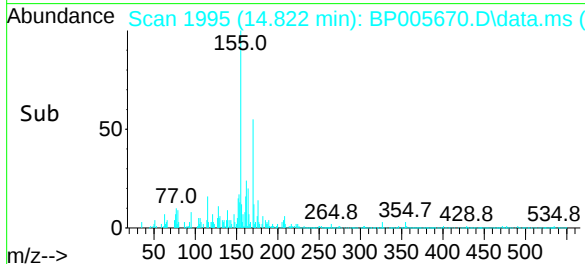
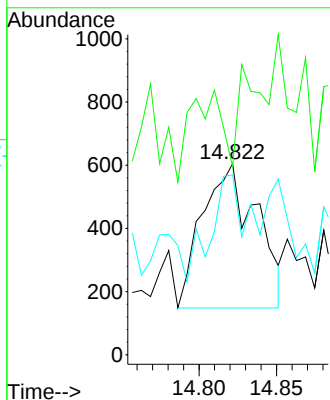
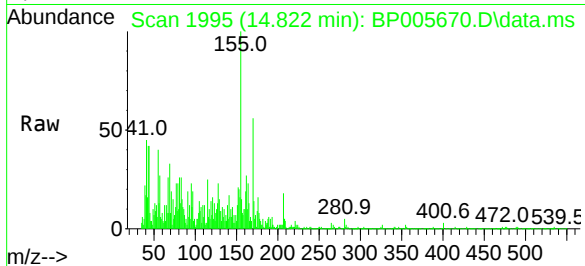




#56
4-Nitrophenol
Concen: 3.83 ng
RT: 14.822 min Scan# 1995
Delta R.T. 0.018 min
Lab File: BP005670.D
Acq: 02 Jun 2021 17:48

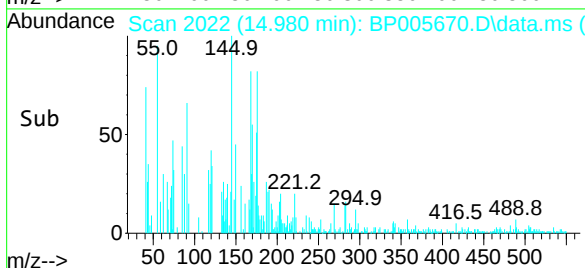
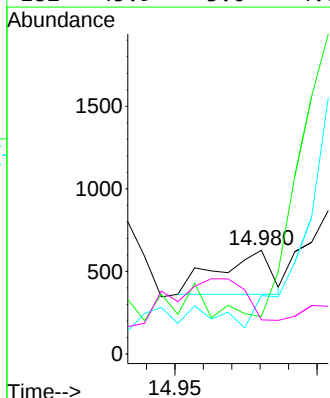
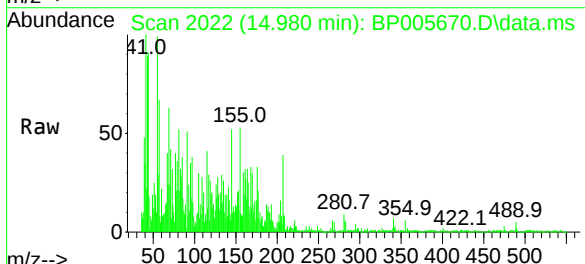
Instrument :
BNA_P
ClientSampleId :
18-B3(2-4)

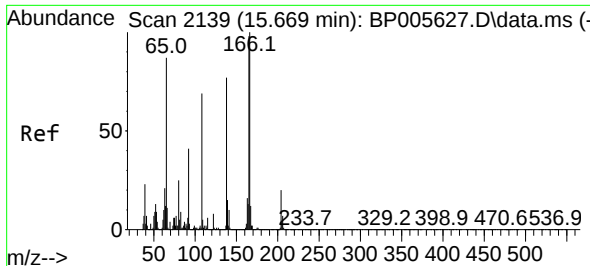
Tgt Ion:139 Resp: 1115
Ion Ratio Lower Upper
139 100
109 98.3 122.8 162.8#
65 94.0 110.0 150.0#



#57
2,4-Dinitrotoluene
Concen: 4.28 ng
RT: 14.980 min Scan# 2022
Delta R.T. 0.017 min
Lab File: BP005670.D
Acq: 02 Jun 2021 17:48

Tgt Ion:165 Resp: 334
Ion Ratio Lower Upper
165 100
63 36.1 56.7 85.1#
89 66.4 85.8 128.6#
182 45.9 3.0 4.6#

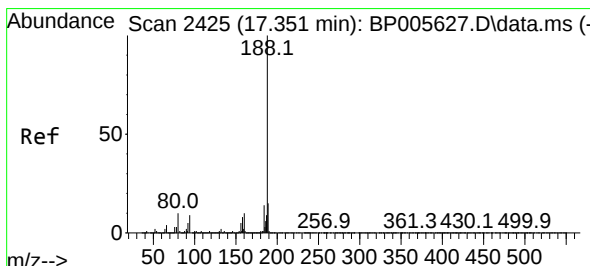
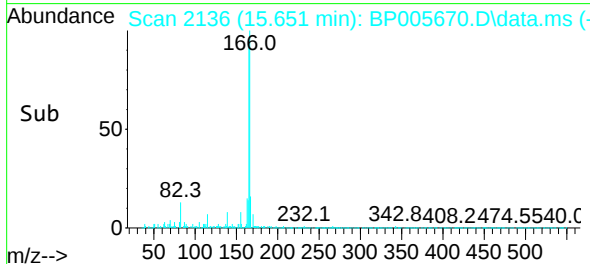
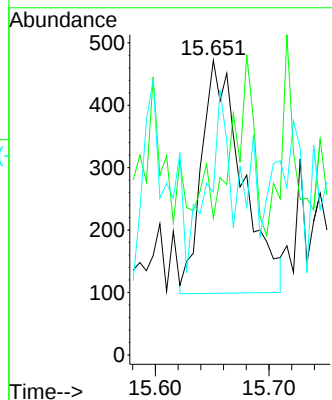
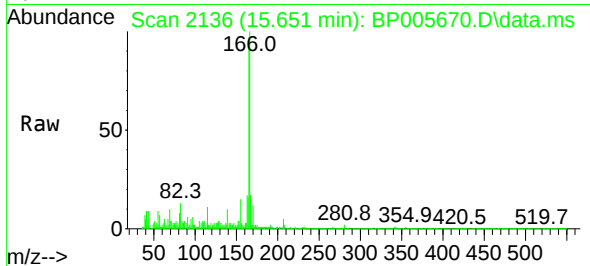




#62
4-Nitroaniline
Concen: 3.68 ng
RT: 15.651 min Scan# 2136
Delta R.T. -0.018 min
Lab File: BP005670.D
Acq: 02 Jun 2021 17:48

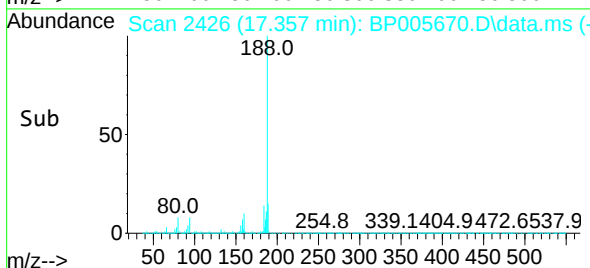
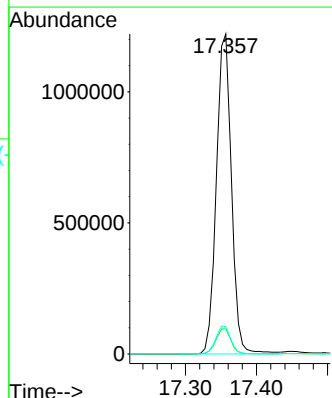
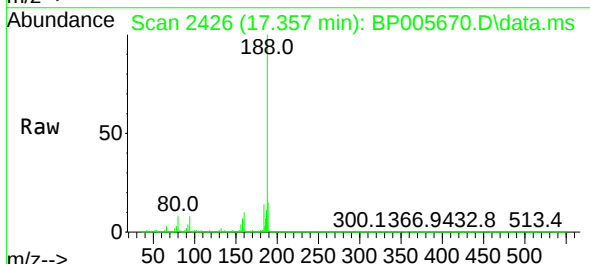
Instrument :
BNA_P
ClientSampleId :
18-B3(2-4)

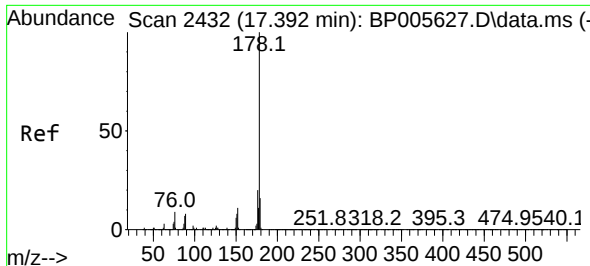
Tgt Ion:138 Resp: 930
Ion Ratio Lower Upper
138 100
92 46.4 50.9 90.9#
108 55.3 154.7 194.7#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.357 min Scan# 2426
Delta R.T. 0.006 min
Lab File: BP005670.D
Acq: 02 Jun 2021 17:48

Tgt Ion:188 Resp: 1791573
Ion Ratio Lower Upper
188 100
94 7.8 5.0 7.6#
80 8.5 5.9 8.9

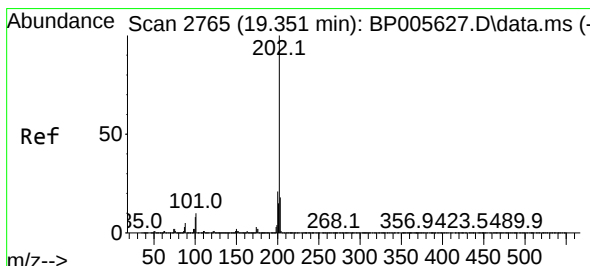
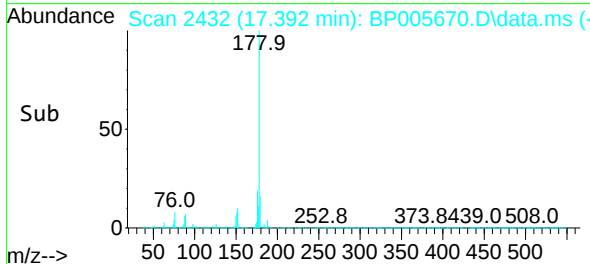
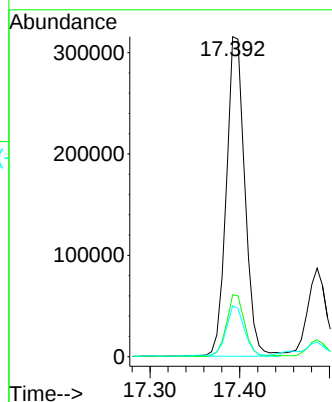
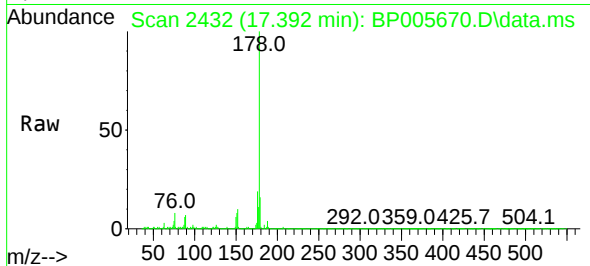




#71
Phenanthrene
Concen: 4.05 ng
RT: 17.392 min Scan# 2432
Delta R.T. -0.000 min
Lab File: BP005670.D
Acq: 02 Jun 2021 17:48

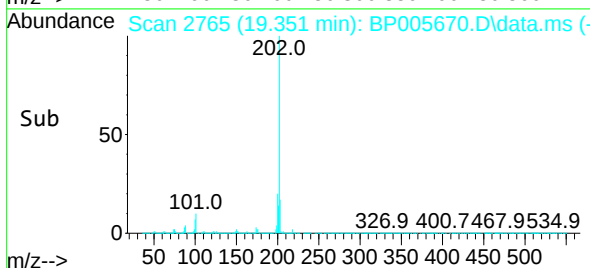
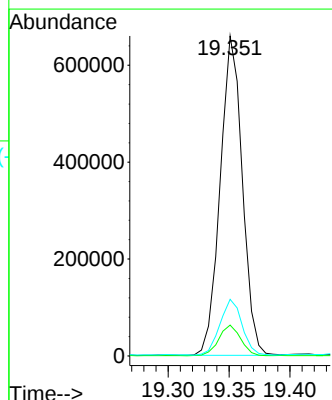
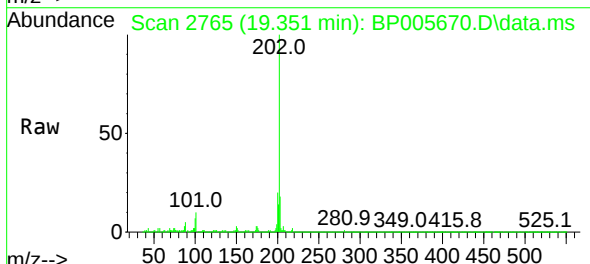
Instrument :
BNA_P
ClientSampleId :
18-B3(2-4)

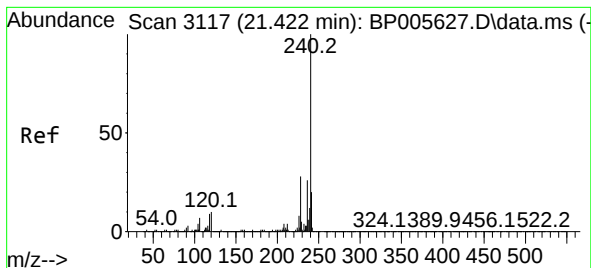
Tgt Ion:178 Resp: 452099
Ion Ratio Lower Upper
178 100
176 19.4 15.4 23.2
179 15.9 12.3 18.5



#75
Fluoranthene
Concen: 6.23 ng
RT: 19.351 min Scan# 2765
Delta R.T. -0.000 min
Lab File: BP005670.D
Acq: 02 Jun 2021 17:48

Tgt Ion:202 Resp: 835116
Ion Ratio Lower Upper
202 100
101 9.7 0.0 26.1
203 17.7 0.0 37.2





#76

Chrysene-d12

Concen: 20.00 ng

RT: 21.421 min Scan# 3117

Delta R.T. -0.001 min

Lab File: BP005670.D

Acq: 02 Jun 2021 17:48

Tgt Ion:240 Resp: 1493821

Ion Ratio Lower Upper

240 100

120 8.7 4.2 6.2#

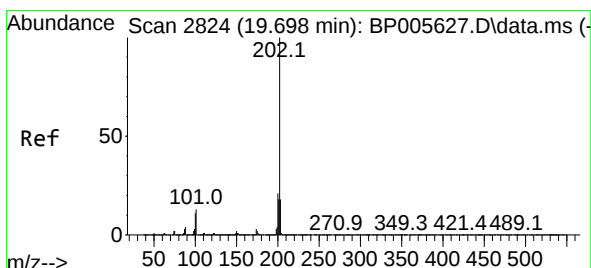
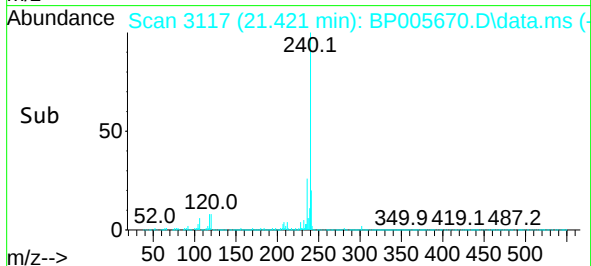
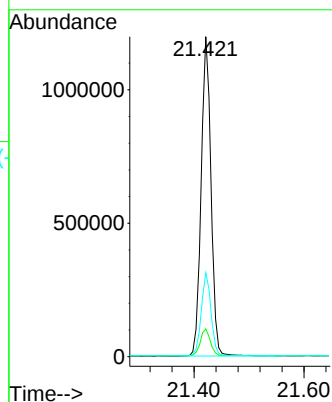
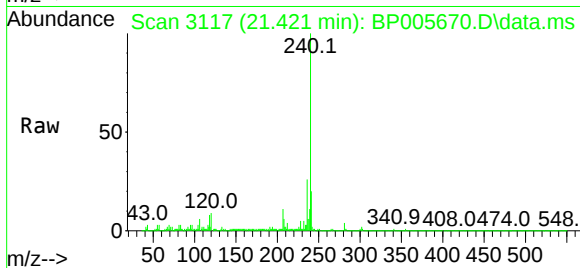
236 26.2 20.2 30.2

Instrument :

BNA_P

ClientSampleId :

18-B3(2-4)



#78

Pyrene

Concen: 7.03 ng

RT: 19.704 min Scan# 2825

Delta R.T. 0.005 min

Lab File: BP005670.D

Acq: 02 Jun 2021 17:48

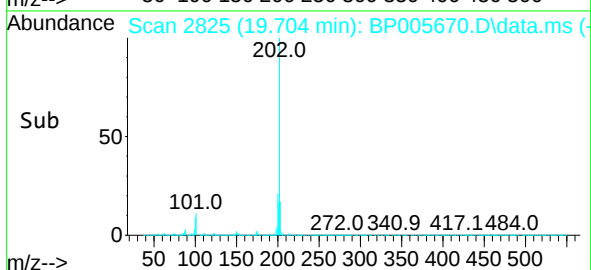
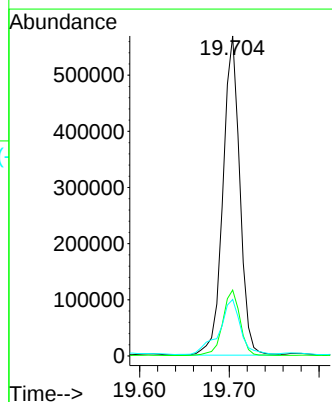
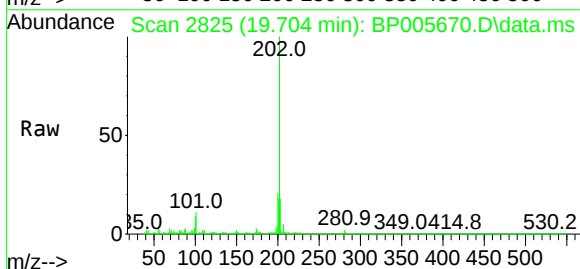
Tgt Ion:202 Resp: 740977

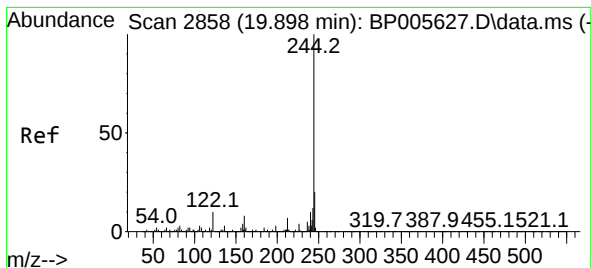
Ion Ratio Lower Upper

202 100

200 20.6 16.9 25.3

203 17.7 13.8 20.6

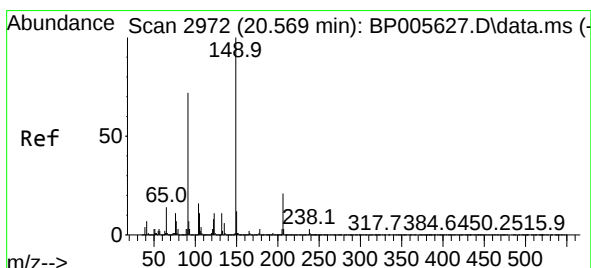
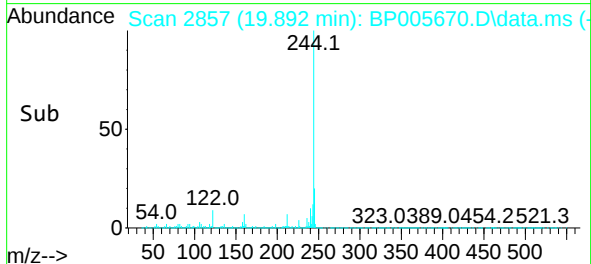
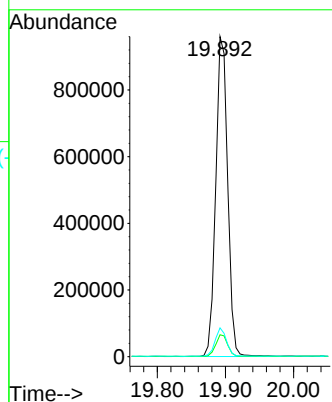
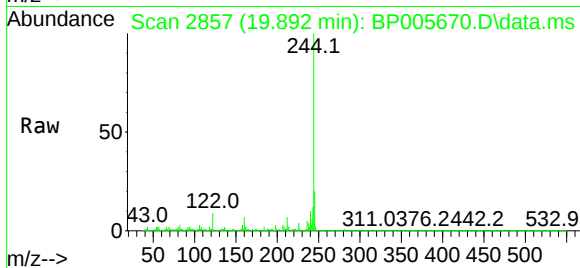




#79
 Terphenyl-d14
 Concen: 14.64 ng
 RT: 19.892 min Scan# 2857
 Delta R.T. -0.006 min
 Lab File: BP005670.D
 Acq: 02 Jun 2021 17:48

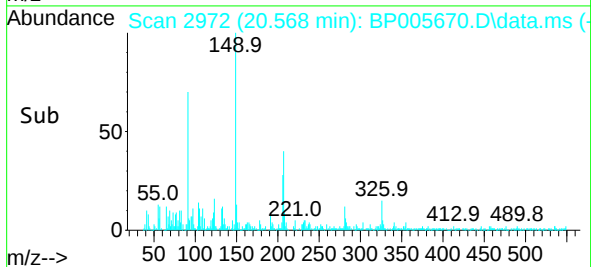
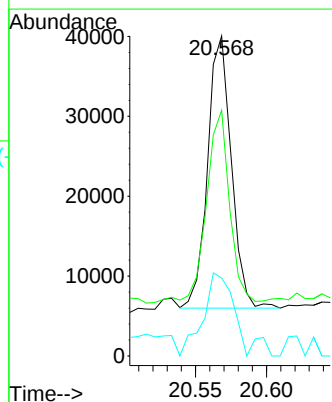
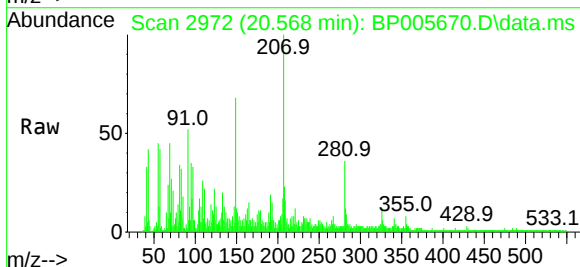
Instrument :
 BNA_P
 ClientSampleId :
 18-B3(2-4)

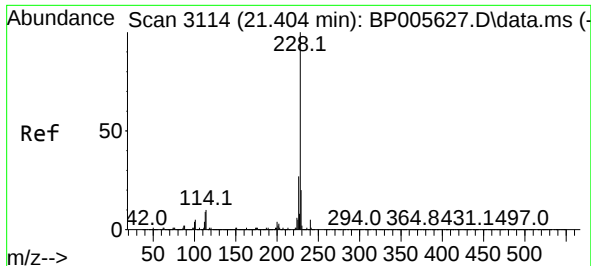
Tgt Ion:244 Resp: 1165829
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.8 8.6
 122 9.0 5.2 7.8#



#80
 Butylbenzylphthalate
 Concen: 4.98 ng
 RT: 20.568 min Scan# 2972
 Delta R.T. -0.001 min
 Lab File: BP005670.D
 Acq: 02 Jun 2021 17:48

Tgt Ion:149 Resp: 39578
 Ion Ratio Lower Upper
 149 100
 91 76.8 60.2 90.4
 206 24.4 23.9 35.9

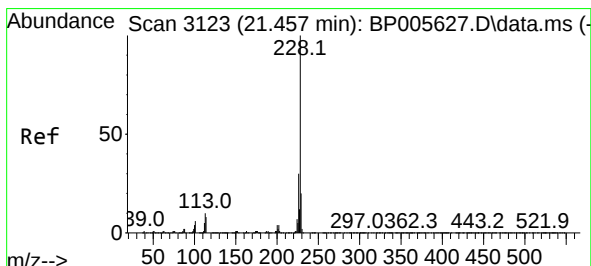
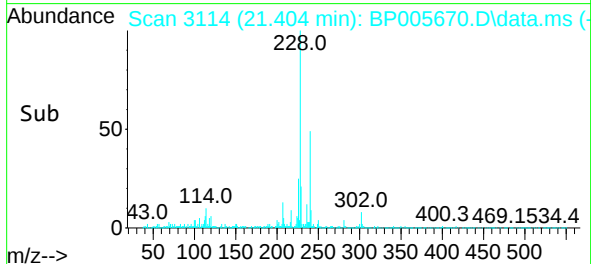
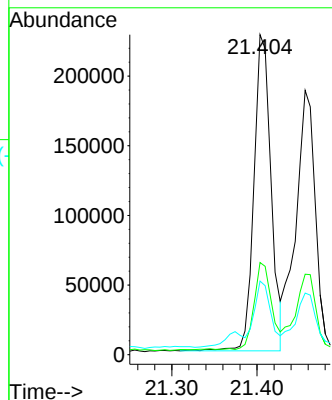
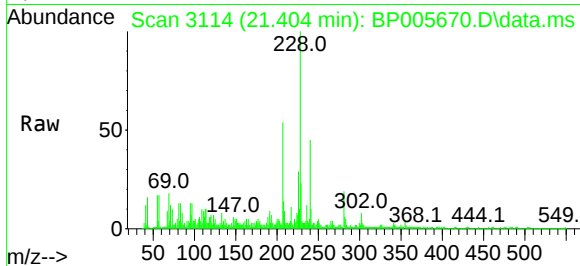




#81
Benzo(a)anthracene
Concen: 2.89 ng
RT: 21.404 min Scan# 3114
Delta R.T. -0.000 min
Lab File: BP005670.D
Acq: 02 Jun 2021 17:48

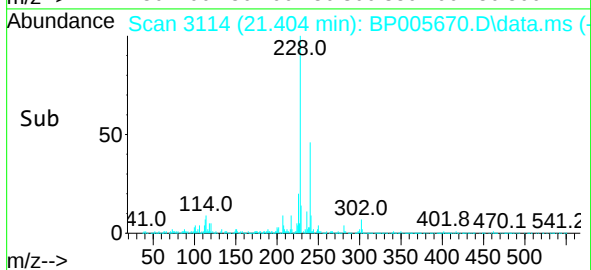
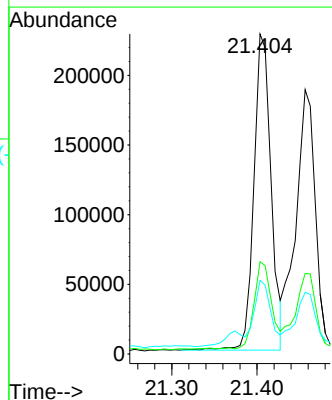
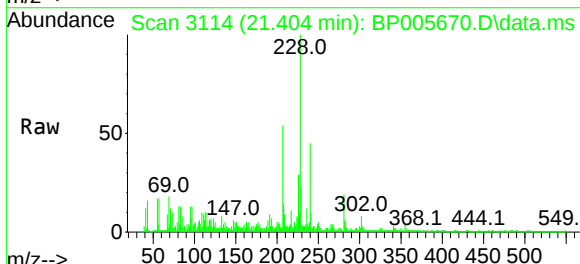
Instrument :
BNA_P
ClientSampleId :
18-B3(2-4)

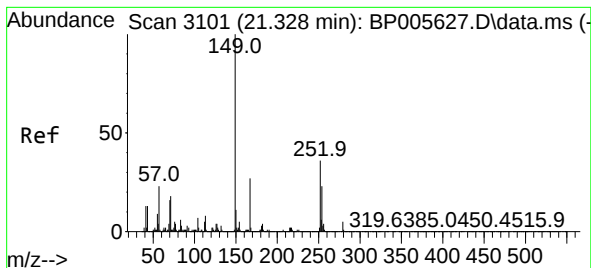
Tgt Ion:228 Resp: 317158
Ion Ratio Lower Upper
228 100
226 28.8 21.2 31.8
229 23.0 15.6 23.4



#83
Chrysene
Concen: 2.99 ng
RT: 21.404 min Scan# 3114
Delta R.T. -0.053 min
Lab File: BP005670.D
Acq: 02 Jun 2021 17:48

Tgt Ion:228 Resp: 317158
Ion Ratio Lower Upper
228 100
226 28.8 24.8 37.2
229 23.0 15.4 23.0

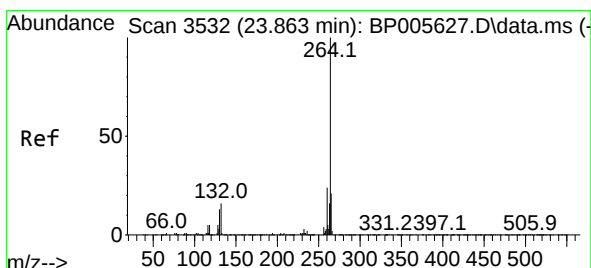
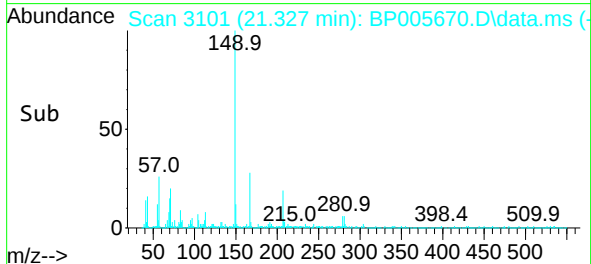
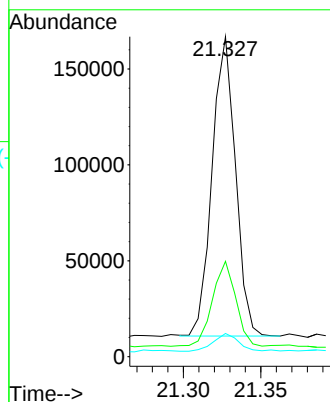
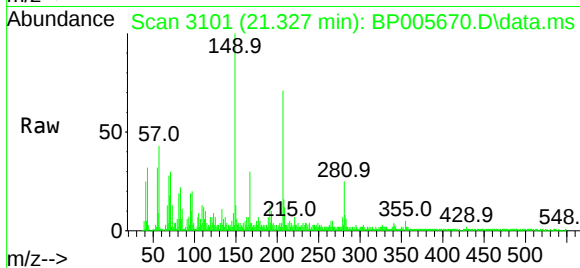




#84
Bis(2-ethylhexyl)phthalate
Concen: 2.75 ng
RT: 21.327 min Scan# 3101
Delta R.T. -0.000 min
Lab File: BP005670.D
Acq: 02 Jun 2021 17:48

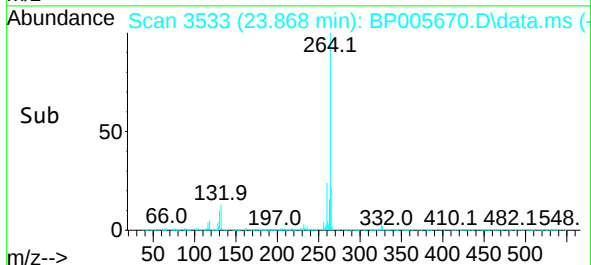
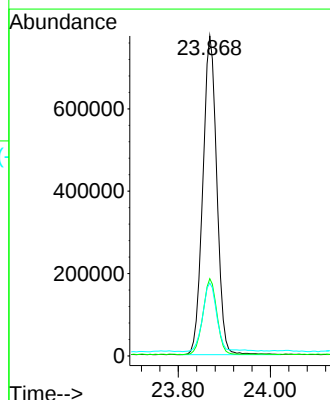
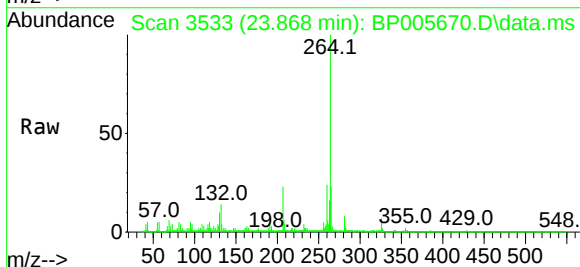
Instrument :
BNA_P
ClientSampleId :
18-B3(2-4)

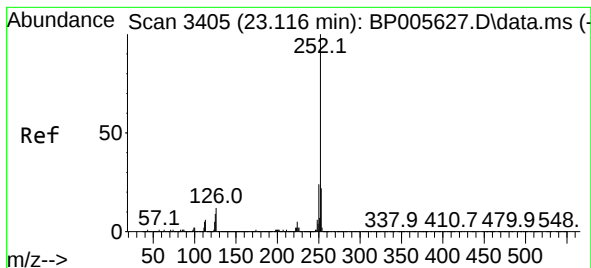
Tgt Ion:149 Resp: 163484
Ion Ratio Lower Upper
149 100
167 29.8 23.8 35.8
279 7.3 5.7 8.5



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.868 min Scan# 3533
Delta R.T. 0.005 min
Lab File: BP005670.D
Acq: 02 Jun 2021 17:48

Tgt Ion:264 Resp: 1639668
Ion Ratio Lower Upper
264 100
260 24.2 20.6 30.8
265 22.8 19.0 28.6





#88

Benzo(b)fluoranthene

Concen: 3.20 ng

RT: 23.121 min Scan# 3406

Delta R.T. 0.005 min

Lab File: BP005670.D

Acq: 02 Jun 2021 17:48

Instrument :

BNA_P

ClientSampleId :

18-B3(2-4)

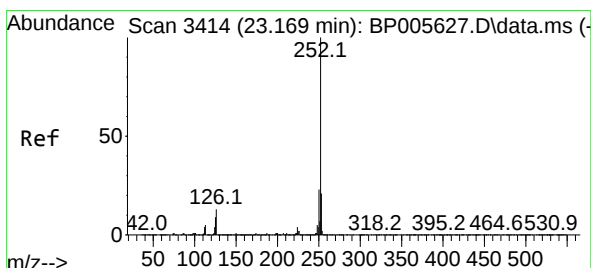
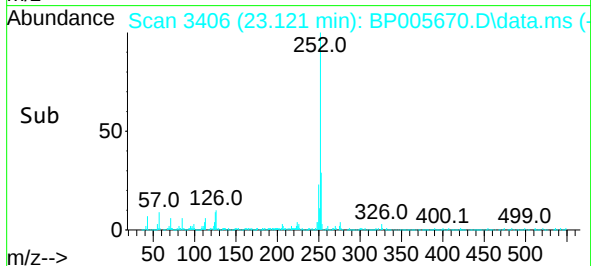
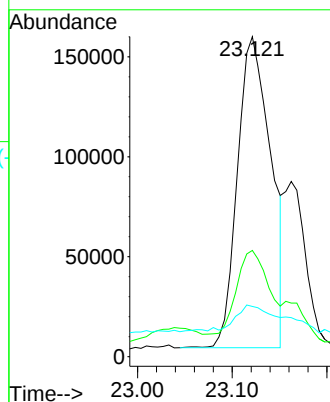
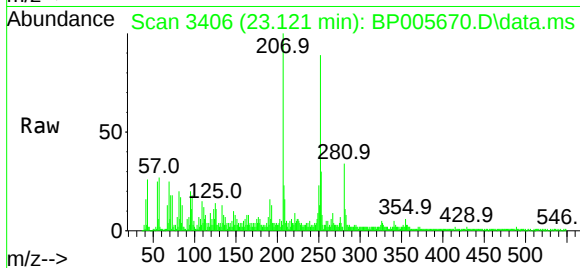
Tgt Ion:252 Resp: 380951

Ion Ratio Lower Upper

252 100

253 33.2 18.2 27.2#

125 15.7 3.4 5.0#



#89

Benzo(k)fluoranthene

Concen: 3.38 ng

RT: 23.121 min Scan# 3406

Delta R.T. -0.047 min

Lab File: BP005670.D

Acq: 02 Jun 2021 17:48

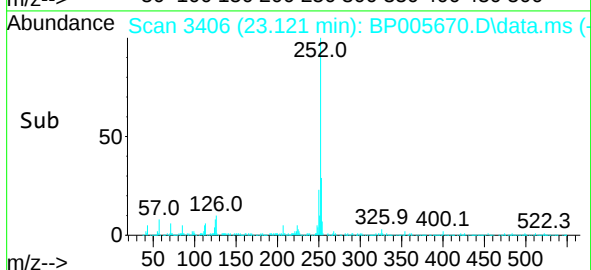
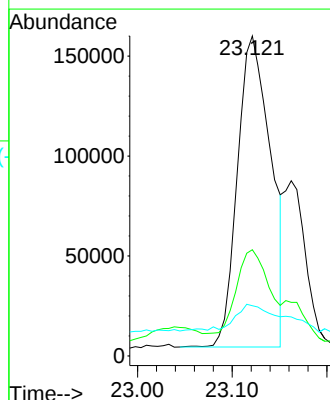
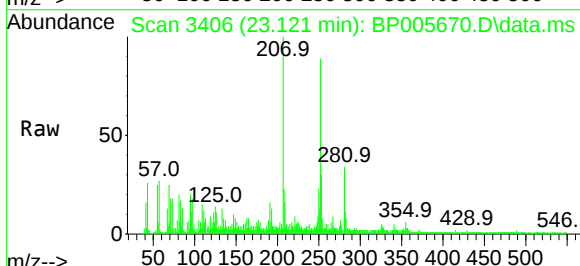
Tgt Ion:252 Resp: 380951

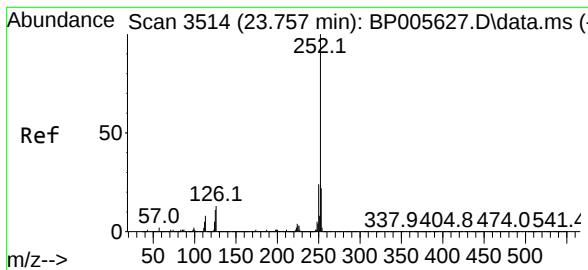
Ion Ratio Lower Upper

252 100

253 33.2 17.2 25.8#

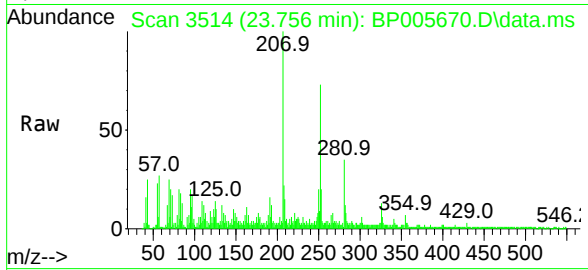
125 15.7 3.8 5.6#





#90
Benzo(a)pyrene
Concen: 2.49 ng
RT: 23.756 min Scan# 3514
Delta R.T. -0.000 min
Lab File: BP005670.D
Acq: 02 Jun 2021 17:48

Instrument :
BNA_P
ClientSampleId :
18-B3(2-4)



Tgt Ion:252 Resp: 270012
Ion Ratio Lower Upper
252 100
253 27.7 17.1 25.7#
125 18.8 3.8 5.6#

