

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060221\
 Data File : BP005667.D
 Acq On : 02 Jun 2021 16:06
 Operator : CG/JU
 Sample : M2580-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 18-B1(0-2)

Quant Time: Jun 02 16:37:33 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)

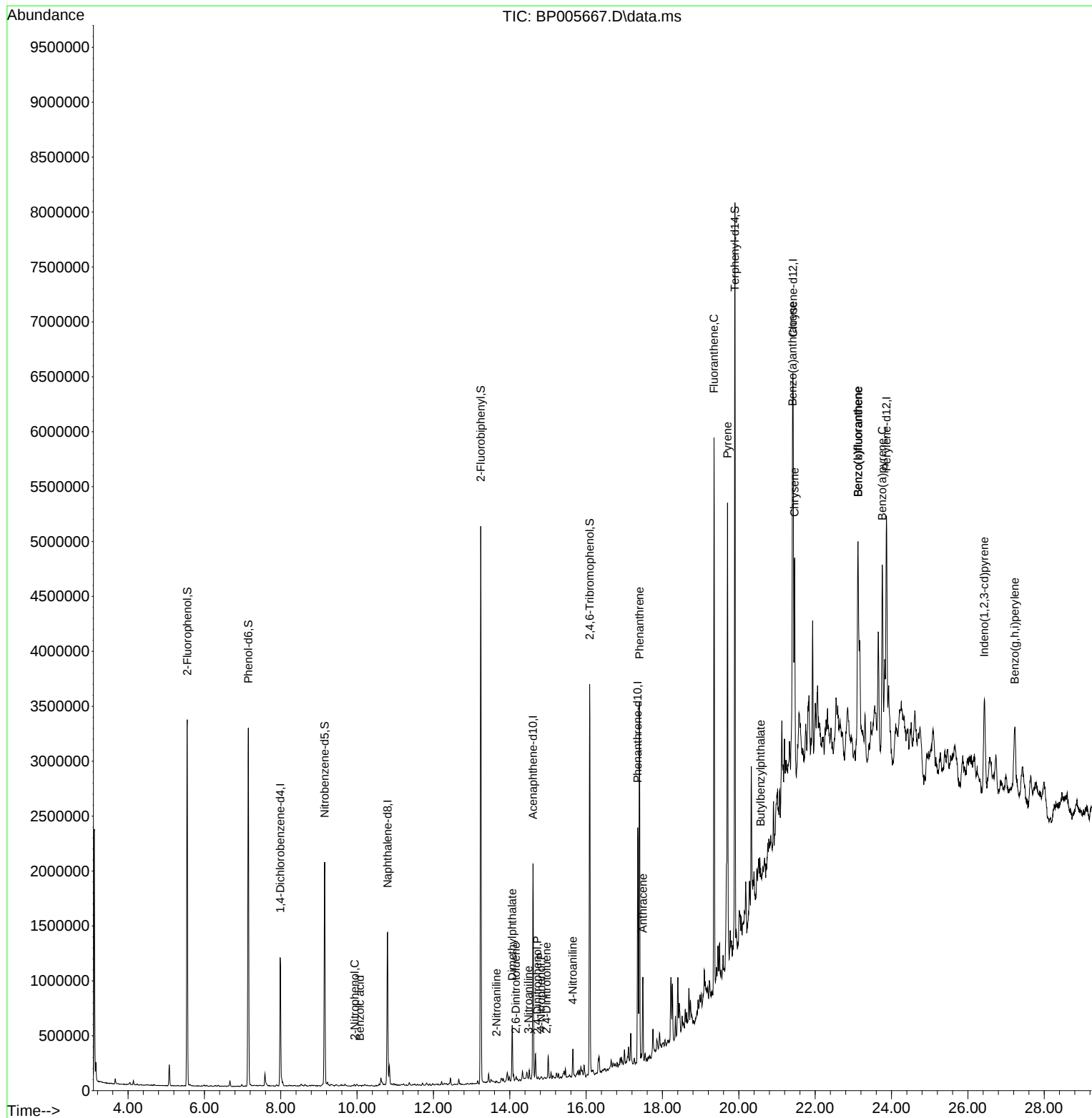
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.987	152	320868	20.00	ng	0.00
21) Naphthalene-d8	10.799	136	1187821	20.00	ng	0.00
39) Acenaphthene-d10	14.610	164	682398	20.00	ng	0.00
64) Phenanthrene-d10	17.351	188	1316093	20.00	ng	# 0.00
76) Chrysene-d12	21.422	240	1301011	20.00	ng	# 0.00
86) Perylene-d12	23.869	264	1591948	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.552	112	1478162	71.62	ng	0.00
7) Phenol-d6	7.152	99	1819115	64.66	ng	0.00
23) Nitrobenzene-d5	9.152	82	1161259	54.37	ng	0.00
42) 2,4,6-Tribromophenol	16.092	330	788176	90.07	ng	0.00
45) 2-Fluorobiphenyl	13.240	172	2607426	50.57	ng	0.00
79) Terphenyl-d14	19.898	244	3220336	46.45	ng	0.00
Target Compounds						Qvalue
26) 2-Nitrophenol	9.934	139	190	4.17	ng	# 1
32) Benzoic acid	10.075	122	81	5.02	ng	# 55
48) 2-Nitroaniline	13.651	65	496	4.53	ng	90
50) Dimethylphthalate	14.063	163	336307	6.20	ng	99
51) 2,6-Dinitrotoluene	14.157	165	480	5.09	ng	90
53) 3-Nitroaniline	14.493	138	95	3.66	ng	# 51
54) 2,4-Dinitrophenol	14.722	184	65	6.54	ng	# 1
56) 4-Nitrophenol	14.822	139	1274	3.86	ng	# 89
57) 2,4-Dinitrotoluene	14.963	165	283	4.28	ng	# 56
62) 4-Nitroaniline	15.651	138	1560	3.75	ng	# 14
71) Phenanthrene	17.398	178	2077817	25.34	ng	100
72) Anthracene	17.487	178	475484	5.87	ng	99
75) Fluoranthene	19.351	202	2824654	28.70	ng	96
78) Pyrene	19.704	202	2437790	26.56	ng	99
80) Butylbenzylphthalate	20.569	149	8559	4.34	ng	# 86
81) Benzo(a)anthracene	21.404	228	1247319	13.06	ng	96
83) Chrysene	21.457	228	1118141	12.09	ng	96
87) Indeno(1,2,3-cd)pyrene	26.427	276	860112	6.35	ng	# 94
88) Benzo(b)fluoranthene	23.122	252	1526274	13.21	ng	# 93
89) Benzo(k)fluoranthene	23.122	252	1526274	13.94	ng	# 91
90) Benzo(a)pyrene	23.757	252	1199959	11.42	ng	# 90
92) Benzo(g,h,i)perylene	27.227	276	885194	7.81	ng	# 93

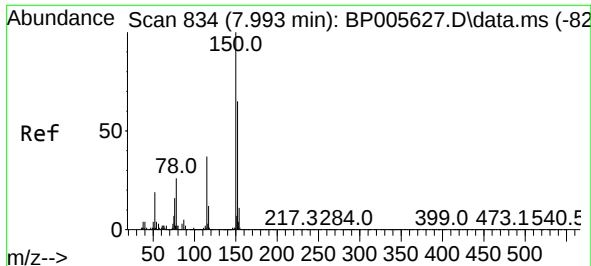
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :
18-B1(0-2)

Quant Time: Jun 02 16:37:33 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
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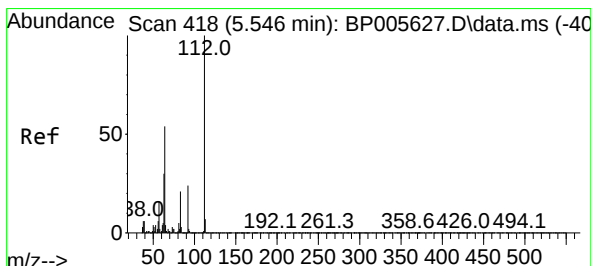
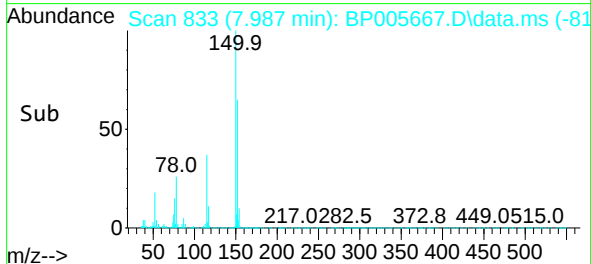
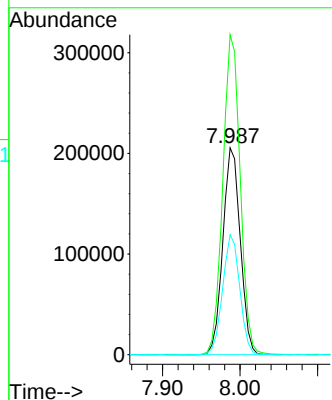
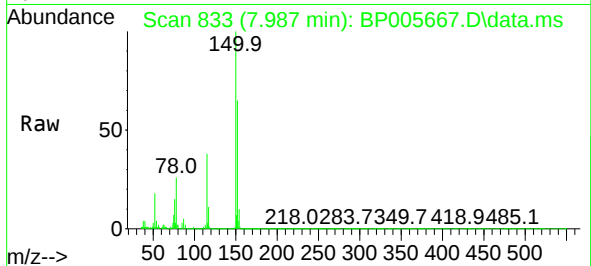




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.987 min Scan# 833
Delta R.T. -0.006 min
Lab File: BP005667.D
Acq: 02 Jun 2021 16:06

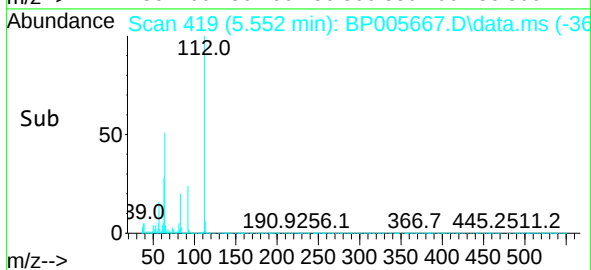
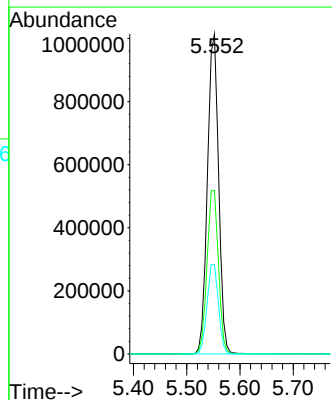
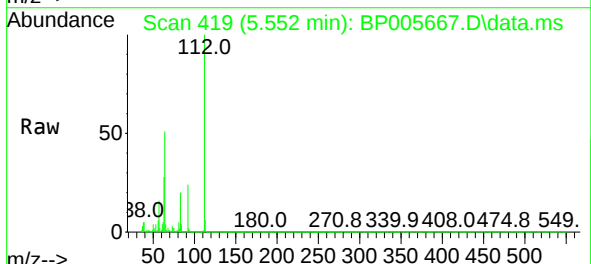
Instrument :
BNA_P
ClientSampleId :
18-B1(0-2)

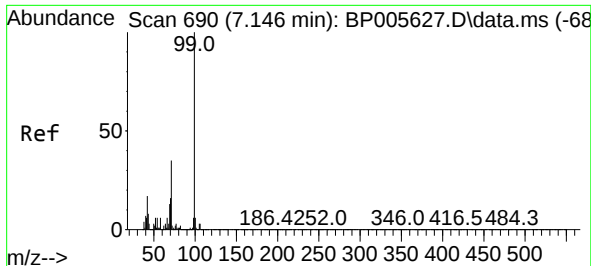
Tgt Ion:152 Resp: 320868
Ion Ratio Lower Upper
152 100
150 154.7 119.8 179.8
115 58.0 49.0 73.4



#5
2-Fluorophenol
Concen: 71.62 ng
RT: 5.552 min Scan# 419
Delta R.T. 0.006 min
Lab File: BP005667.D
Acq: 02 Jun 2021 16:06

Tgt Ion:112 Resp: 1478162
Ion Ratio Lower Upper
112 100
64 51.1 33.6 50.4#
63 28.0 18.6 27.8#



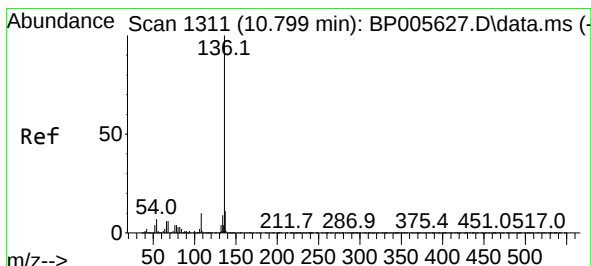
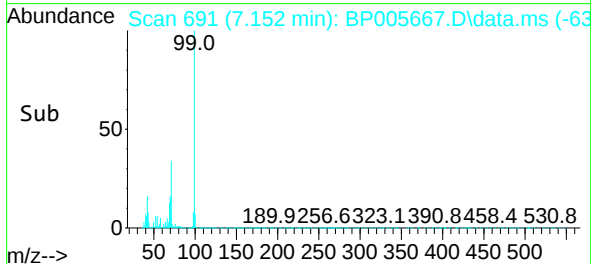
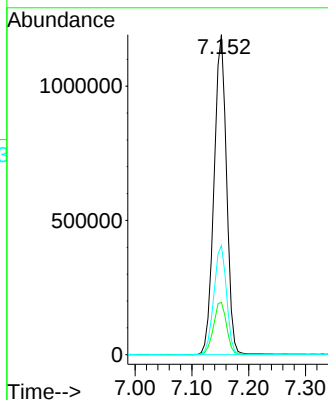
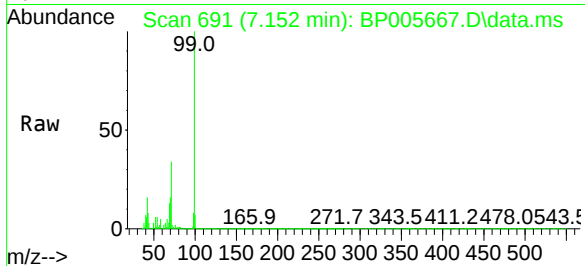


#7
Phenol-d6
Concen: 64.66 ng
RT: 7.152 min Scan# 691
Delta R.T. 0.006 min
Lab File: BP005667.D
Acq: 02 Jun 2021 16:06

Instrument :
BNA_P
ClientSampleId :
18-B1(0-2)

Tgt Ion: 99 Resp: 1819115

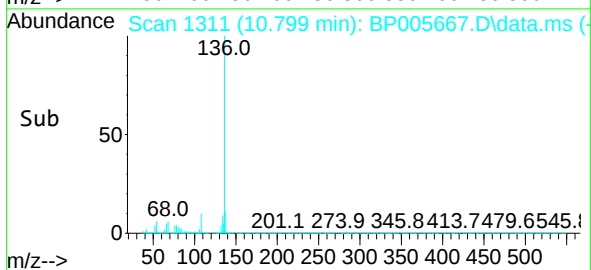
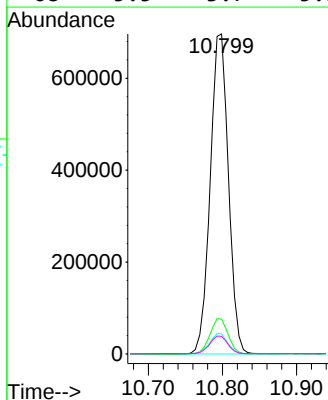
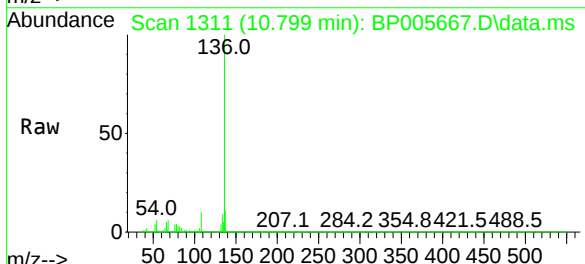
Ion	Ratio	Lower	Upper
99	100		
42	16.4	12.9	19.3
71	34.1	26.7	40.1

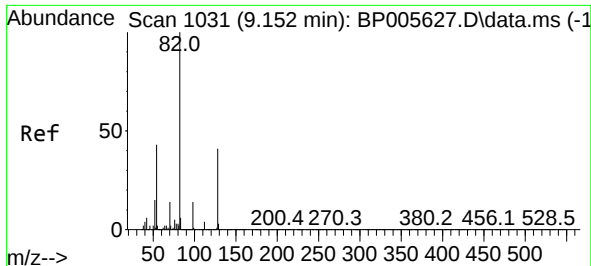


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.799 min Scan# 1311
Delta R.T. -0.000 min
Lab File: BP005667.D
Acq: 02 Jun 2021 16:06

Tgt Ion: 136 Resp: 1187821

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	6.3	5.0	7.4
68	5.5	3.7	5.5



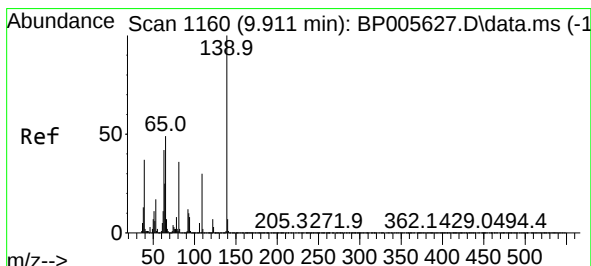
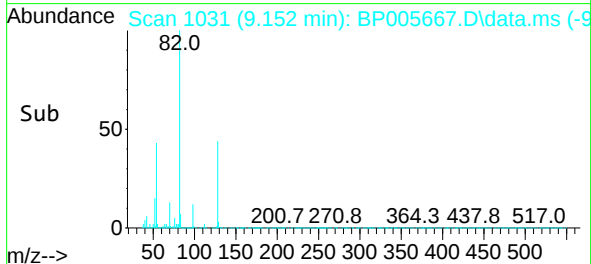
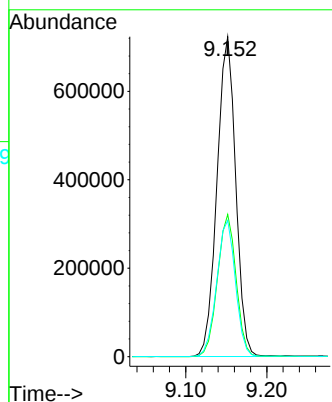
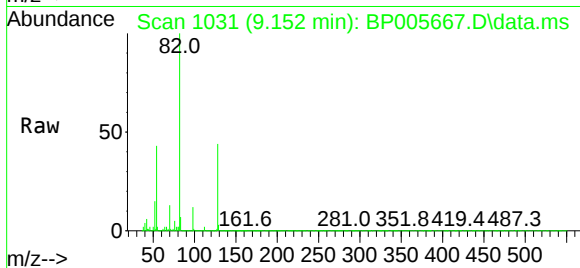


#23
Nitrobenzene-d5
Concen: 54.37 ng
RT: 9.152 min Scan# 1031
Delta R.T. -0.000 min
Lab File: BP005667.D
Acq: 02 Jun 2021 16:06

Instrument :
BNA_P
ClientSampleId :
18-B1(0-2)

Tgt Ion: 82 Resp: 1161259

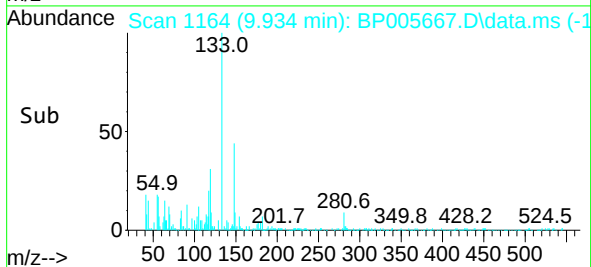
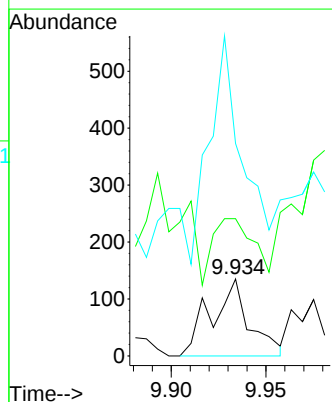
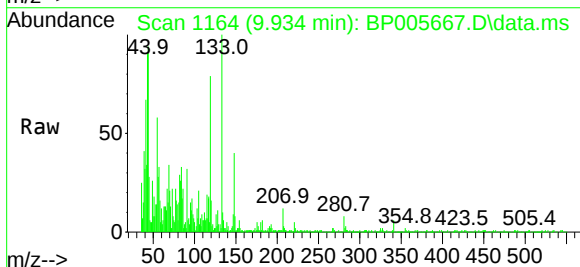
Ion	Ratio	Lower	Upper
82	100		
128	44.5	30.5	45.7
54	42.6	33.9	50.9

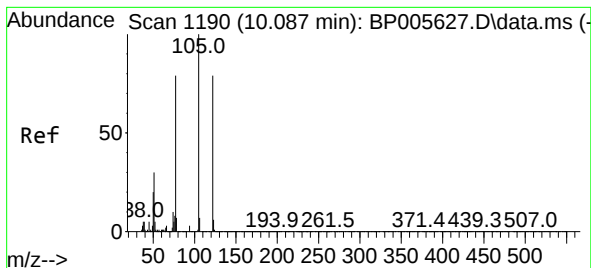


#26
2-Nitrophenol
Concen: 4.17 ng
RT: 9.934 min Scan# 1164
Delta R.T. 0.023 min
Lab File: BP005667.D
Acq: 02 Jun 2021 16:06

Tgt Ion: 139 Resp: 190

Ion	Ratio	Lower	Upper
139	100		
109	178.5	40.7	61.1#
65	276.3	47.8	71.6#

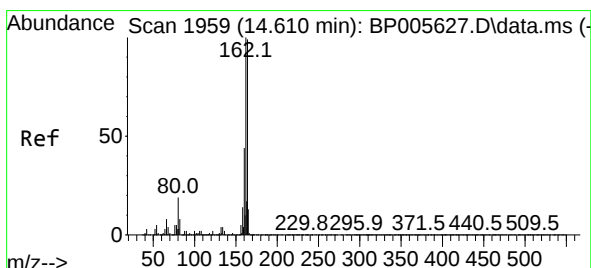
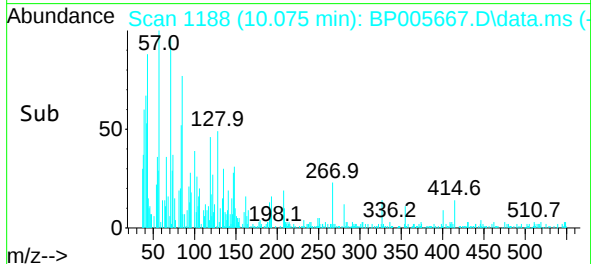
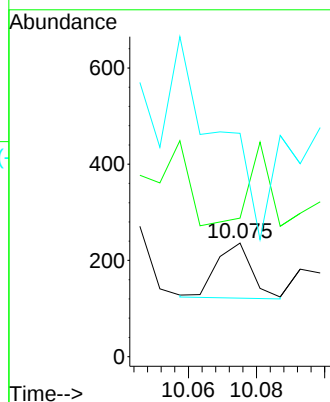
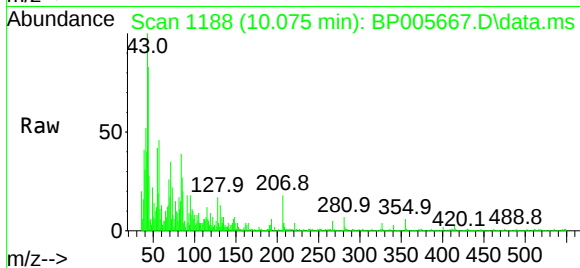




#32
Benzoic acid
Concen: 5.02 ng
RT: 10.075 min Scan# 1188
Delta R.T. -0.012 min
Lab File: BP005667.D
Acq: 02 Jun 2021 16:06

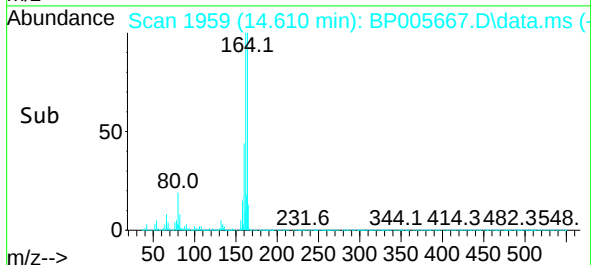
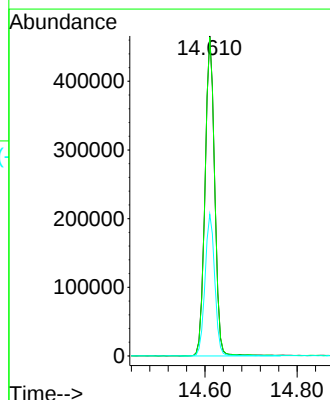
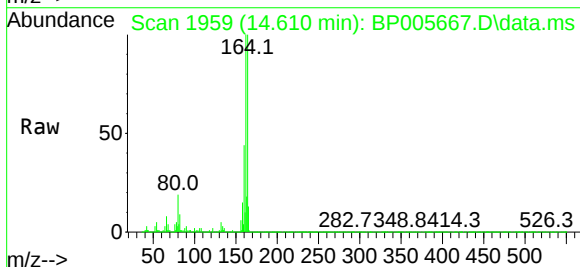
Instrument :
BNA_P
ClientSampleId :
18-B1(0-2)

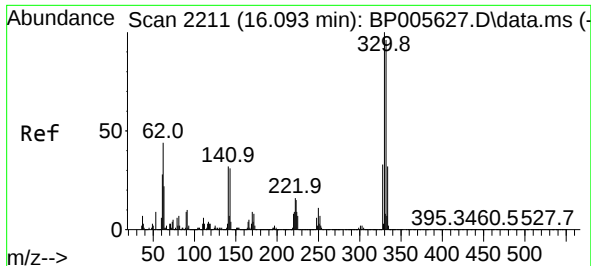
Tgt Ion:122 Resp: 81
Ion Ratio Lower Upper
122 100
105 100.3 105.1 145.1#
77 161.7 69.6 109.6#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.610 min Scan# 1959
Delta R.T. 0.000 min
Lab File: BP005667.D
Acq: 02 Jun 2021 16:06

Tgt Ion:164 Resp: 682398
Ion Ratio Lower Upper
164 100
162 99.6 73.5 110.3
160 44.2 40.6 61.0

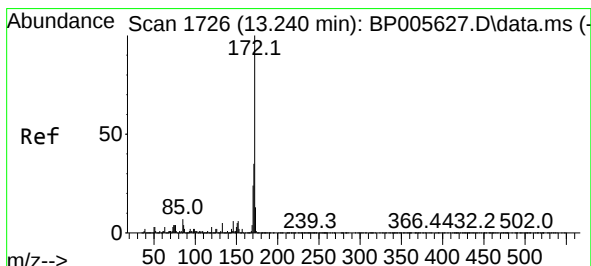
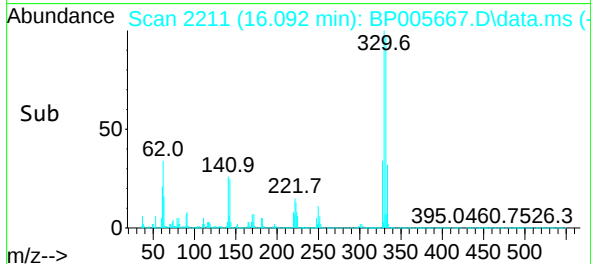
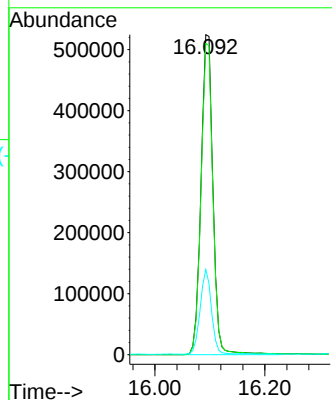
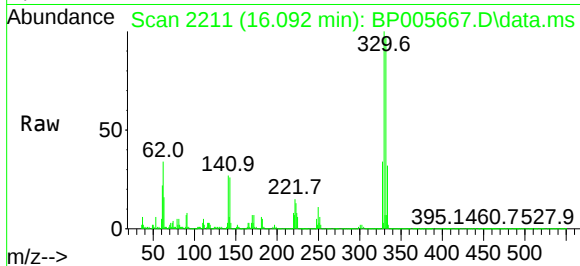




#42
2,4,6-Tribromophenol
Concen: 90.07 ng
RT: 16.092 min Scan# 2211
Delta R.T. -0.000 min
Lab File: BP005667.D
Acq: 02 Jun 2021 16:06

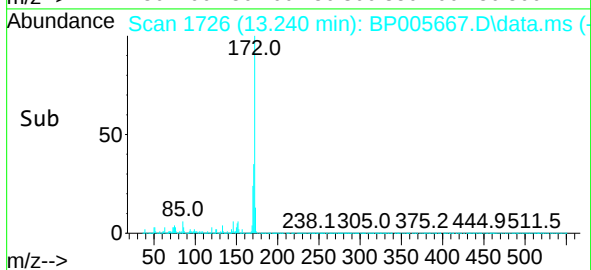
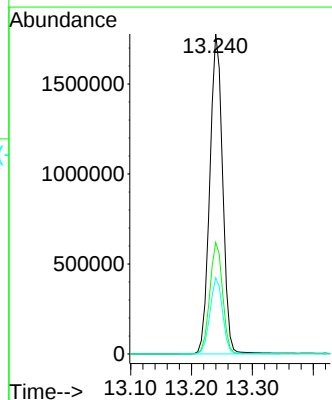
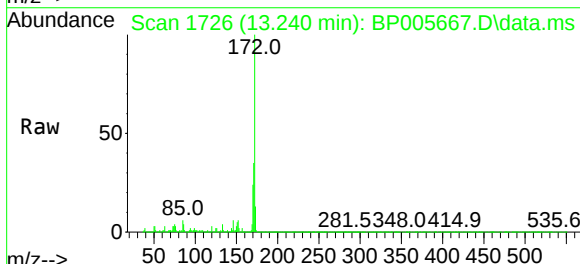
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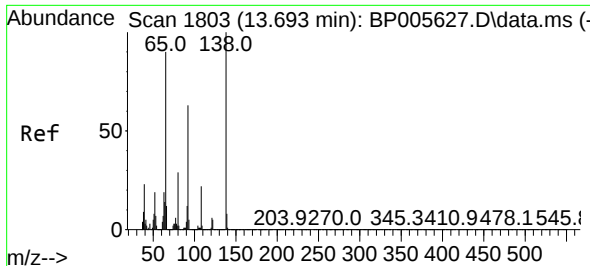
Tgt Ion: 330 Resp: 788176
Ion Ratio Lower Upper
330 100
332 97.6 76.3 114.5
141 25.0 22.8 34.2



#45
2-Fluorobiphenyl
Concen: 50.57 ng
RT: 13.240 min Scan# 1726
Delta R.T. -0.000 min
Lab File: BP005667.D
Acq: 02 Jun 2021 16:06

Tgt Ion: 172 Resp: 2607426
Ion Ratio Lower Upper
172 100
171 34.8 28.1 42.1
170 23.8 19.6 29.4

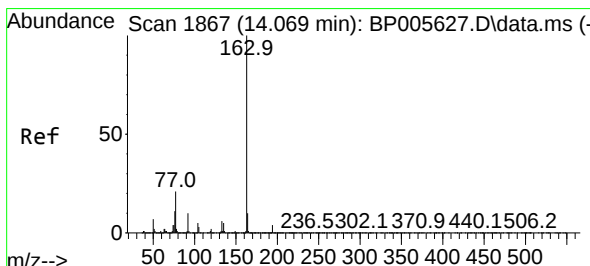
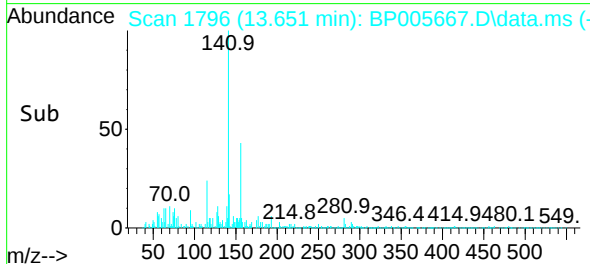
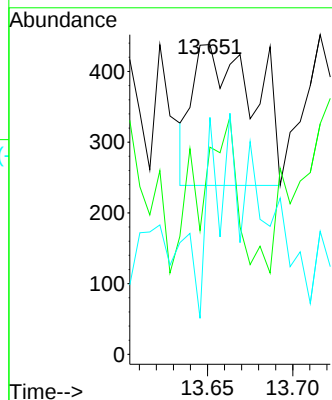
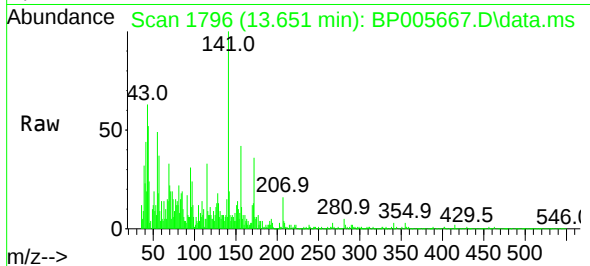




#48
2-Nitroaniline
Concen: 4.53 ng
RT: 13.651 min Scan# 1796
Delta R.T. -0.042 min
Lab File: BP005667.D
Acq: 02 Jun 2021 16:06

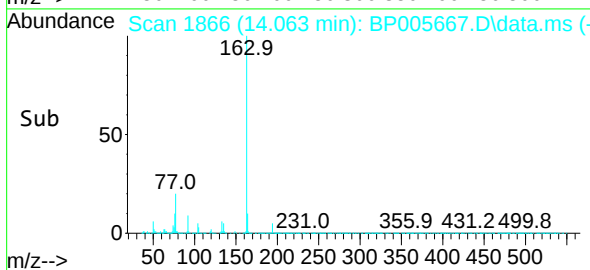
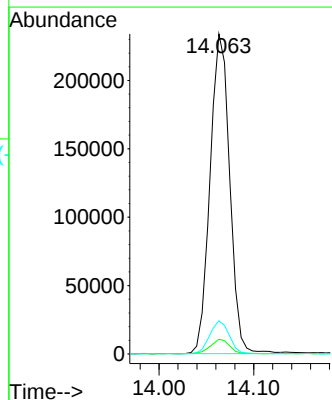
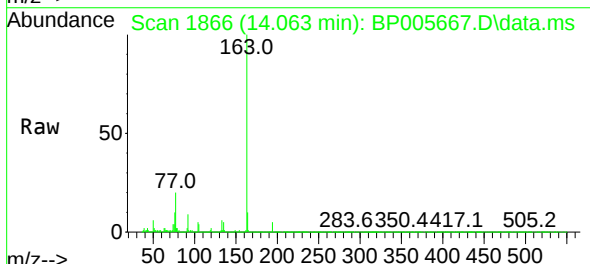
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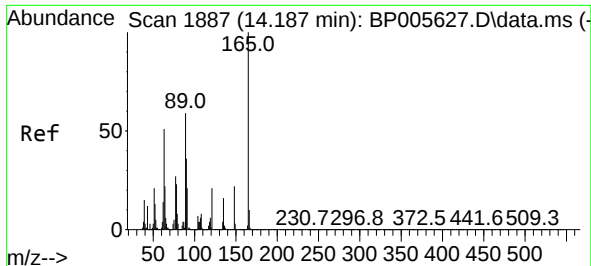
Tgt Ion: 65 Resp: 496
Ion Ratio Lower Upper
65 100
92 66.9 48.8 73.2
138 76.5 69.5 104.3



#50
Dimethylphthalate
Concen: 6.20 ng
RT: 14.063 min Scan# 1866
Delta R.T. -0.006 min
Lab File: BP005667.D
Acq: 02 Jun 2021 16:06

Tgt Ion: 163 Resp: 336307
Ion Ratio Lower Upper
163 100
194 4.6 3.9 5.9
164 10.4 8.1 12.1

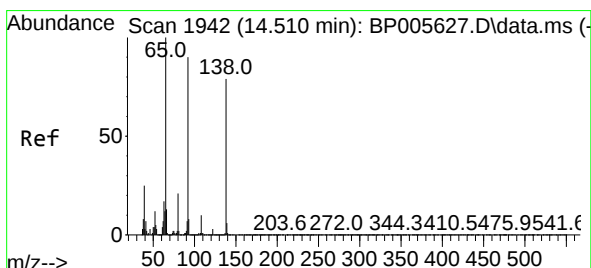
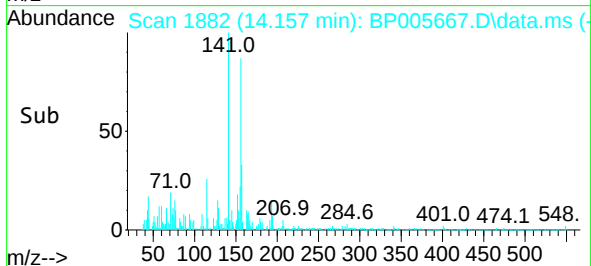
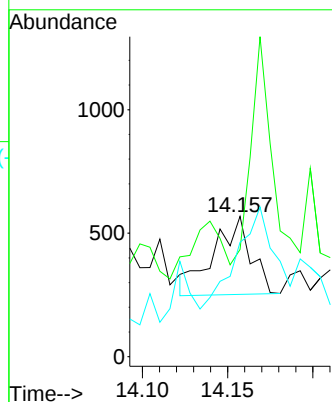
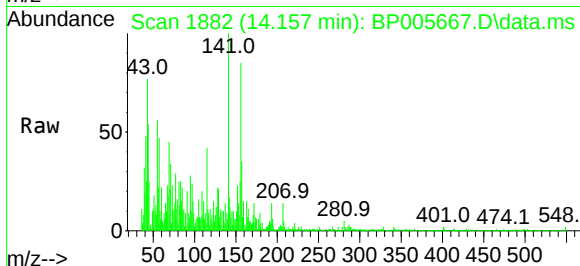




#51
2,6-Dinitrotoluene
Concen: 5.09 ng
RT: 14.157 min Scan# 1882
Delta R.T. -0.030 min
Lab File: BP005667.D
Acq: 02 Jun 2021 16:06

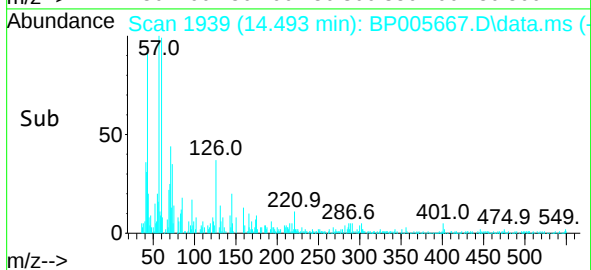
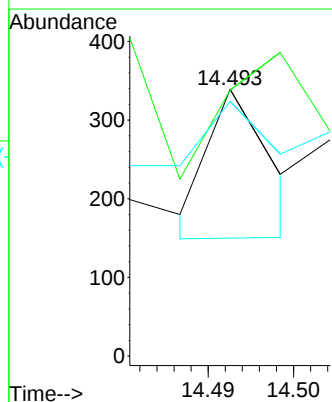
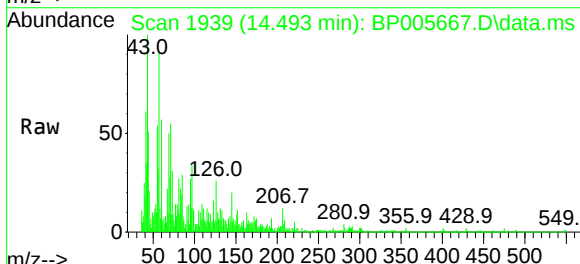
Instrument :
BNA_P
ClientSampleId :
18-B1(0-2)

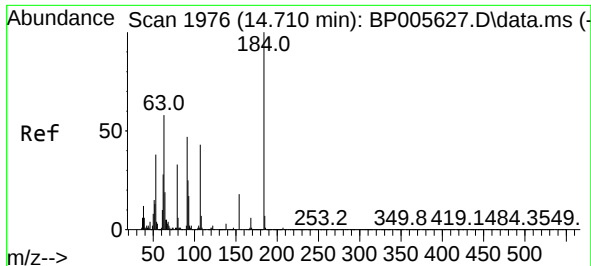
Tgt Ion:165 Resp: 480
Ion Ratio Lower Upper
165 100
63 76.4 67.4 101.0
89 81.5 73.8 110.6



#53
3-Nitroaniline
Concen: 3.66 ng
RT: 14.493 min Scan# 1939
Delta R.T. -0.017 min
Lab File: BP005667.D
Acq: 02 Jun 2021 16:06

Tgt Ion:138 Resp: 95
Ion Ratio Lower Upper
138 100
108 99.7 10.2 15.4#
92 95.6 108.1 162.1#

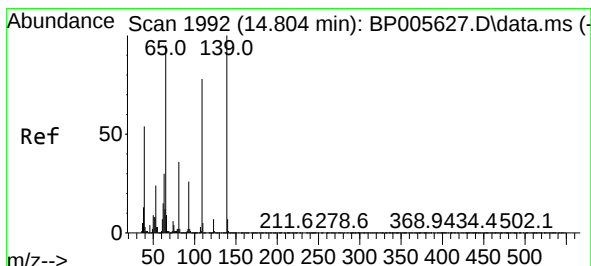
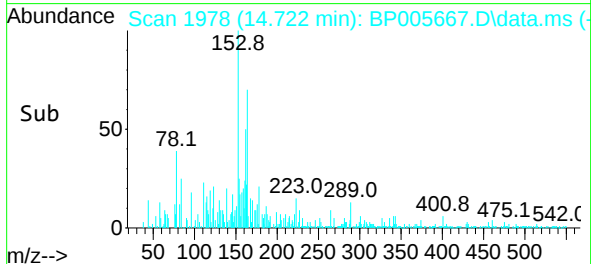
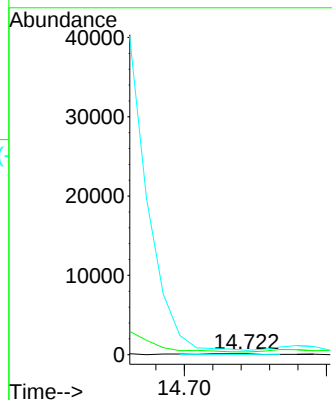
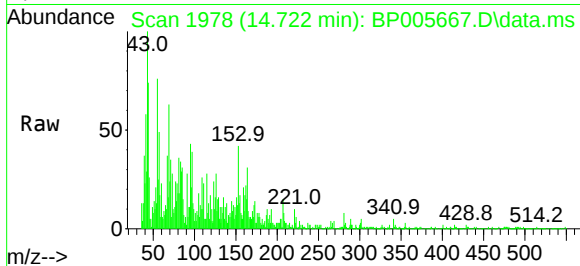




#54
2,4-Dinitrophenol
Concen: 6.54 ng
RT: 14.722 min Scan# 1978
Delta R.T. 0.012 min
Lab File: BP005667.D
Acq: 02 Jun 2021 16:06

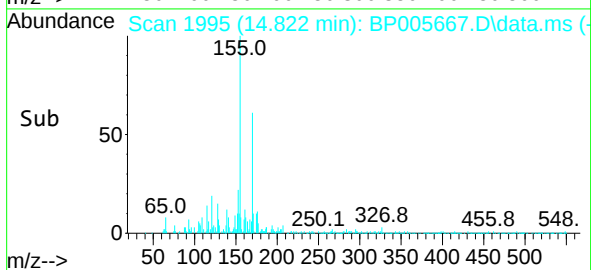
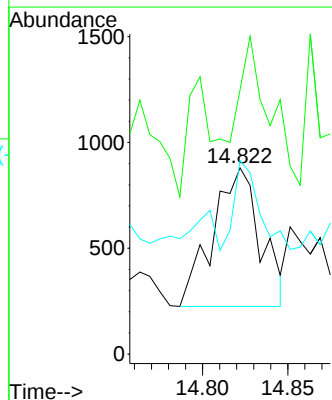
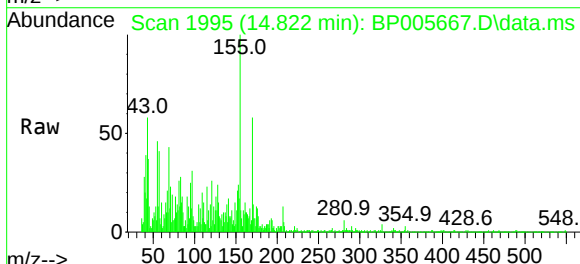
Instrument :
BNA_P
ClientSampleId :
18-B1(0-2)

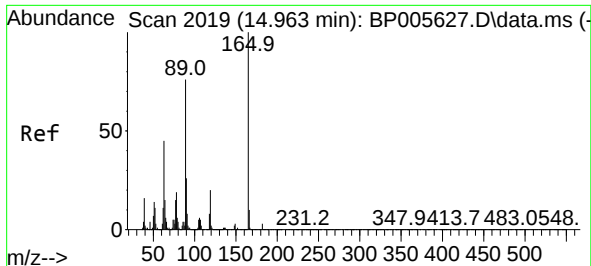
Tgt Ion:184 Resp: 65
Ion Ratio Lower Upper
184 100
63 283.2 51.2 76.8#
154 435.2 55.8 83.8#



#56
4-Nitrophenol
Concen: 3.86 ng
RT: 14.822 min Scan# 1995
Delta R.T. 0.018 min
Lab File: BP005667.D
Acq: 02 Jun 2021 16:06

Tgt Ion:139 Resp: 1274
Ion Ratio Lower Upper
139 100
109 141.8 122.8 162.8
65 104.0 110.0 150.0#

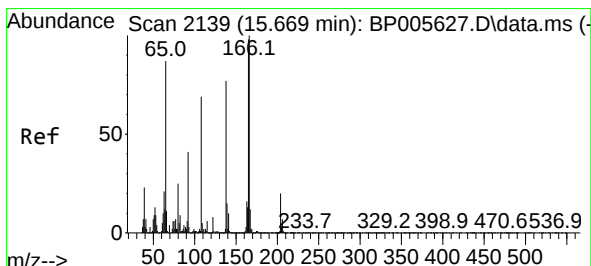
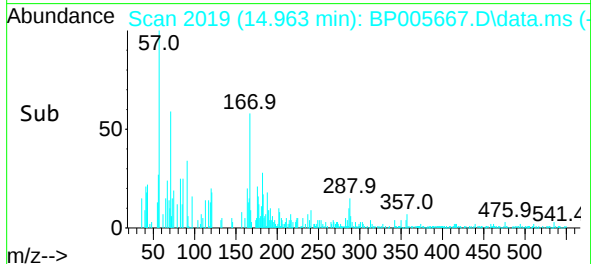
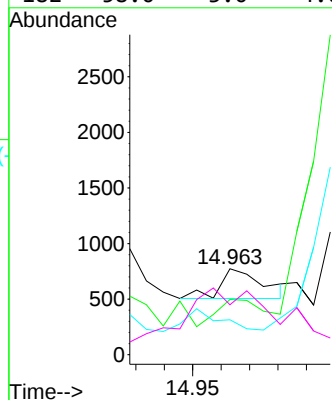
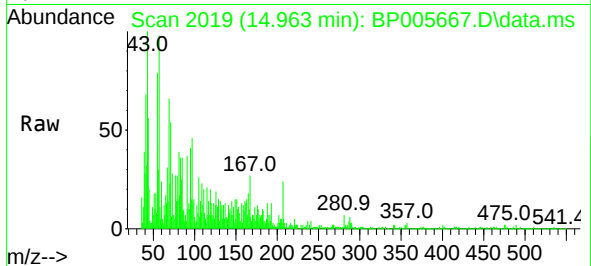




#57
2,4-Dinitrotoluene
Concen: 4.28 ng
RT: 14.963 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BP005667.D
Acq: 02 Jun 2021 16:06

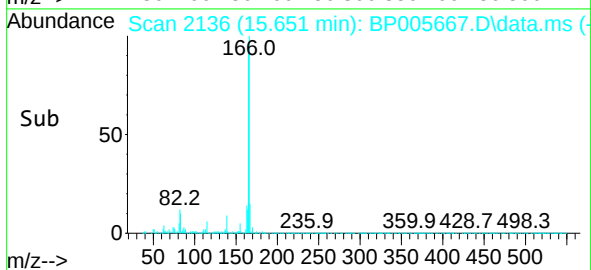
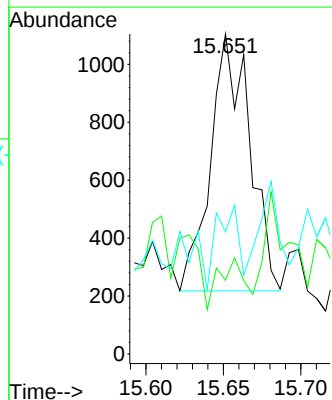
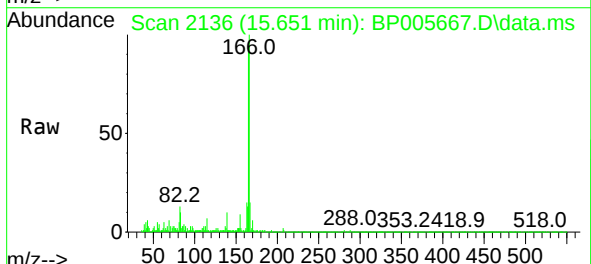
Instrument :
BNA_P
ClientSampleId :
18-B1(0-2)

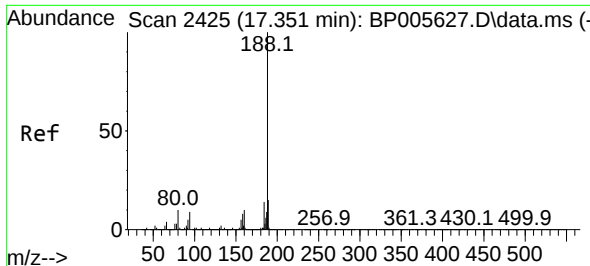
Tgt Ion:165 Resp: 283
Ion Ratio Lower Upper
165 100
63 64.2 56.7 85.1
89 40.6 85.8 128.6#
182 58.0 3.0 4.6#



#62
4-Nitroaniline
Concen: 3.75 ng
RT: 15.651 min Scan# 2136
Delta R.T. -0.018 min
Lab File: BP005667.D
Acq: 02 Jun 2021 16:06

Tgt Ion:138 Resp: 1560
Ion Ratio Lower Upper
138 100
92 23.1 50.9 90.9#
108 38.2 154.7 194.7#

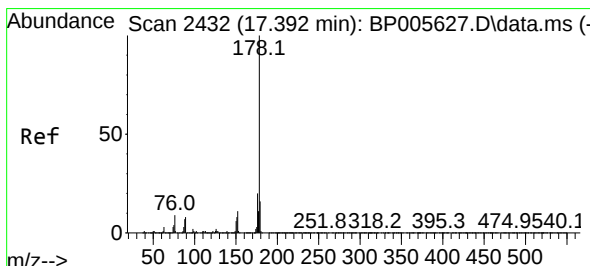
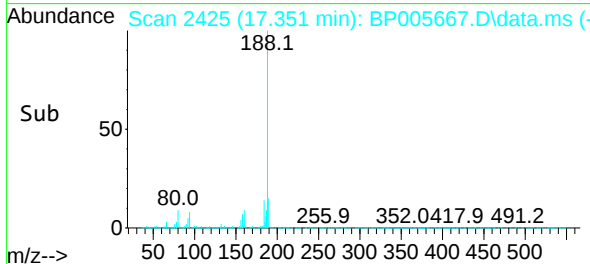
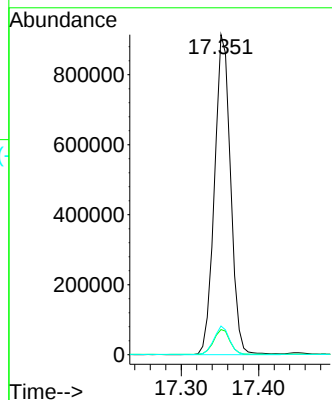
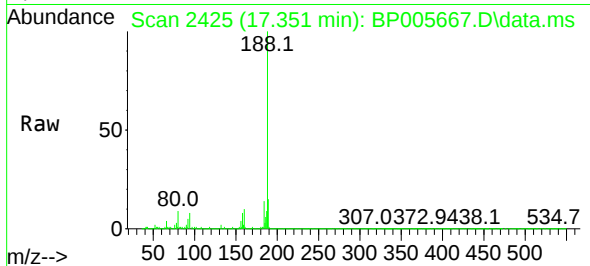




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.351 min Scan# 2425
Delta R.T. 0.000 min
Lab File: BP005667.D
Acq: 02 Jun 2021 16:06

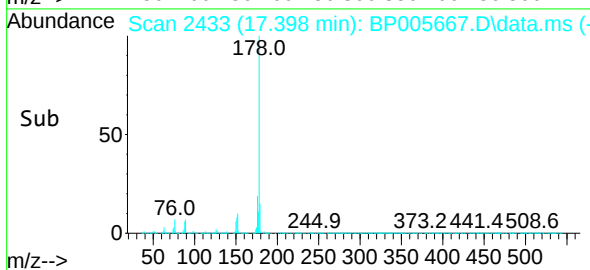
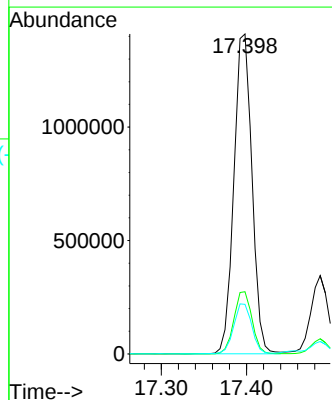
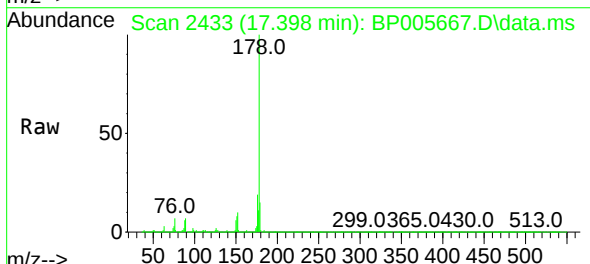
Instrument :
BNA_P
ClientSampleId :
18-B1(0-2)

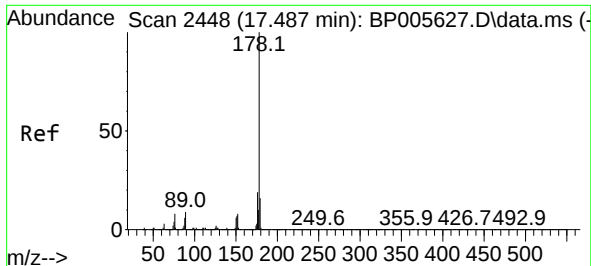
Tgt Ion:188 Resp: 1316093
Ion Ratio Lower Upper
188 100
94 7.9 5.0 7.6#
80 8.9 5.9 8.9#



#71
Phenanthrene
Concen: 25.34 ng
RT: 17.398 min Scan# 2433
Delta R.T. 0.006 min
Lab File: BP005667.D
Acq: 02 Jun 2021 16:06

Tgt Ion:178 Resp: 2077817
Ion Ratio Lower Upper
178 100
176 19.5 15.4 23.2
179 15.5 12.3 18.5



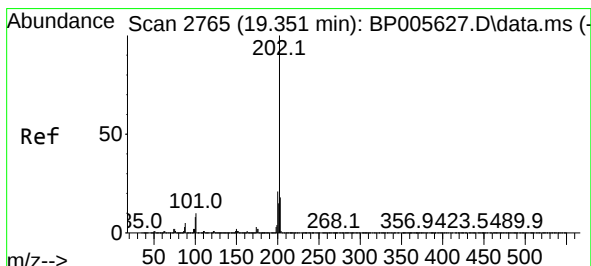
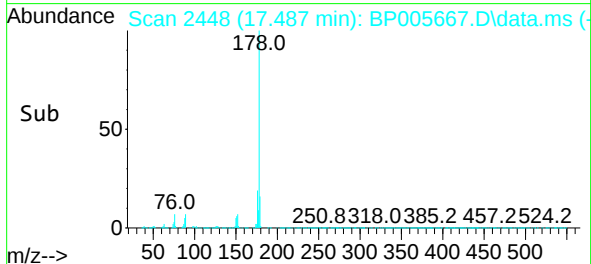
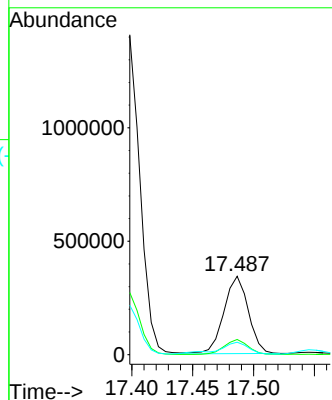
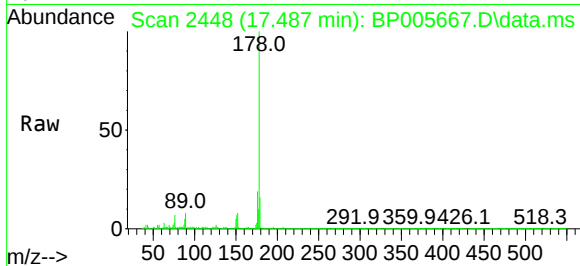


#72
 Anthracene
 Concen: 5.87 ng
 RT: 17.487 min Scan# 2448
 Delta R.T. -0.000 min
 Lab File: BP005667.D
 Acq: 02 Jun 2021 16:06

Instrument :
 BNA_P
 ClientSampleId :
 18-B1(0-2)

Tgt Ion:178 Resp: 475484

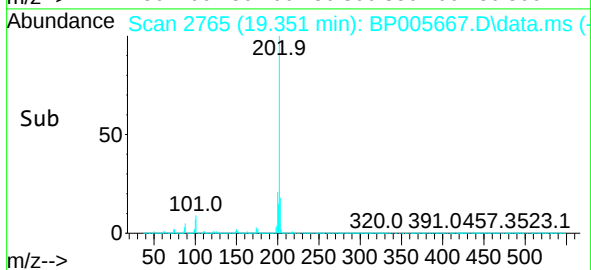
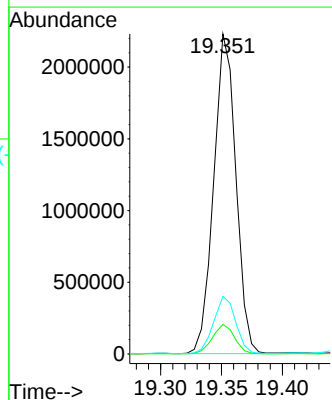
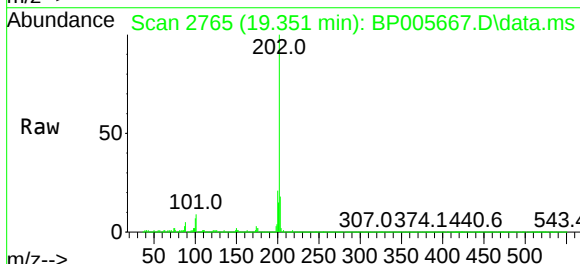
Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.2	22.8
179	16.0	12.6	19.0

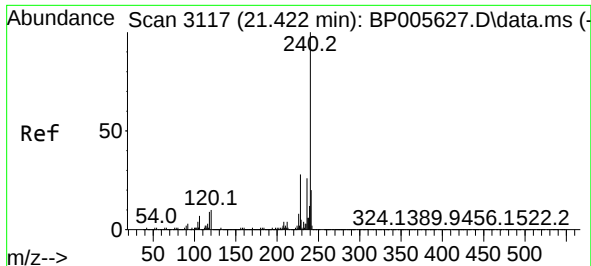


#75
 Fluoranthene
 Concen: 28.70 ng
 RT: 19.351 min Scan# 2765
 Delta R.T. -0.000 min
 Lab File: BP005667.D
 Acq: 02 Jun 2021 16:06

Tgt Ion:202 Resp: 2824654

Ion	Ratio	Lower	Upper
202	100		
101	9.3	0.0	26.1
203	18.0	0.0	37.2

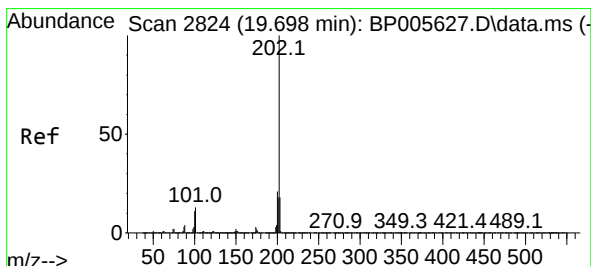
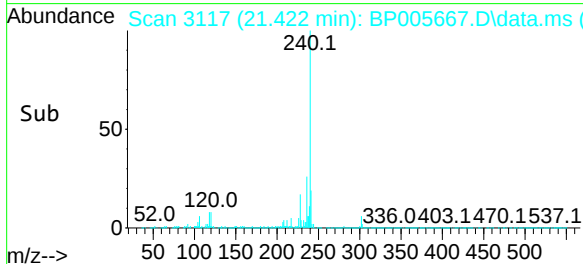
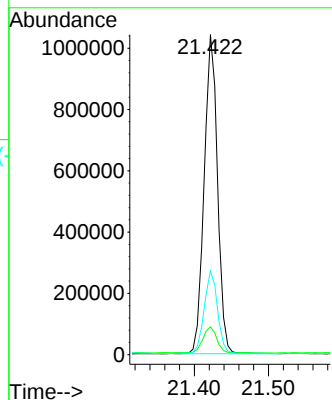
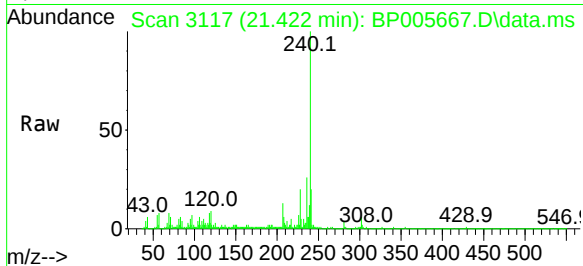




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.422 min Scan# 3117
Delta R.T. -0.000 min
Lab File: BP005667.D
Acq: 02 Jun 2021 16:06

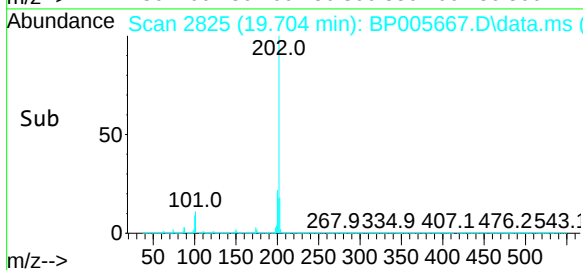
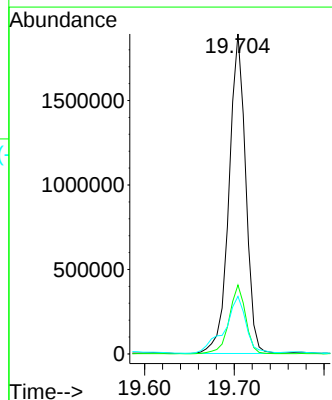
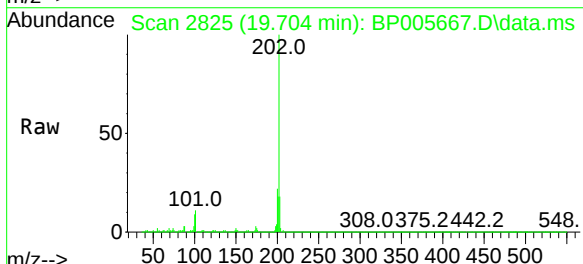
Instrument :
BNA_P
ClientSampleId :
18-B1(0-2)

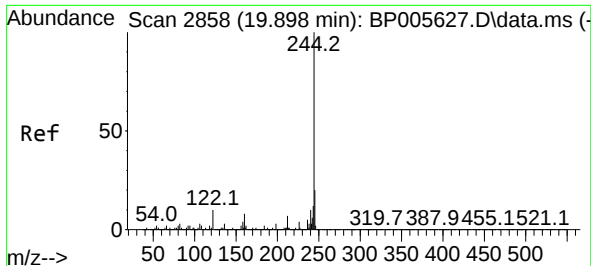
Tgt Ion:240 Resp: 1301011
Ion Ratio Lower Upper
240 100
120 8.7 4.2 6.2#
236 26.2 20.2 30.2



#78
Pyrene
Concen: 26.56 ng
RT: 19.704 min Scan# 2825
Delta R.T. 0.006 min
Lab File: BP005667.D
Acq: 02 Jun 2021 16:06

Tgt Ion:202 Resp: 2437790
Ion Ratio Lower Upper
202 100
200 21.6 16.9 25.3
203 18.0 13.8 20.6

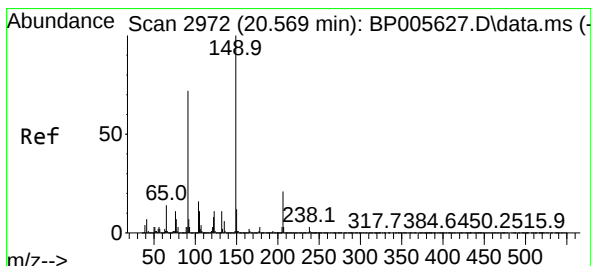
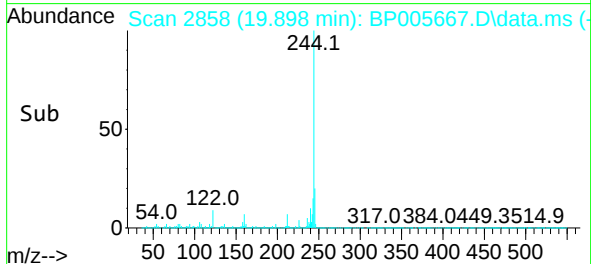
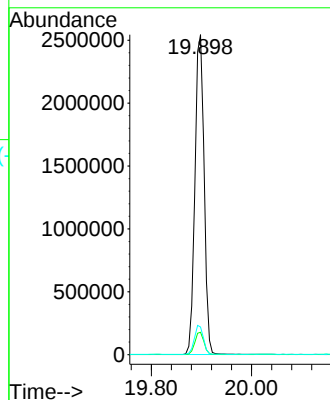
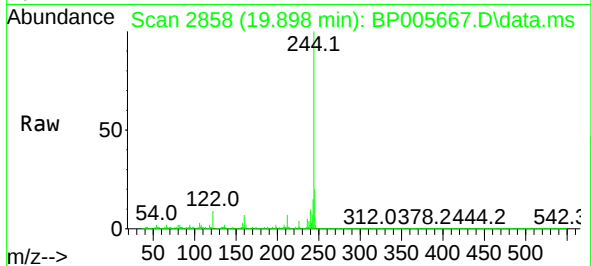




#79
 Terphenyl-d14
 Concen: 46.45 ng
 RT: 19.898 min Scan# 2858
 Delta R.T. -0.000 min
 Lab File: BP005667.D
 Acq: 02 Jun 2021 16:06

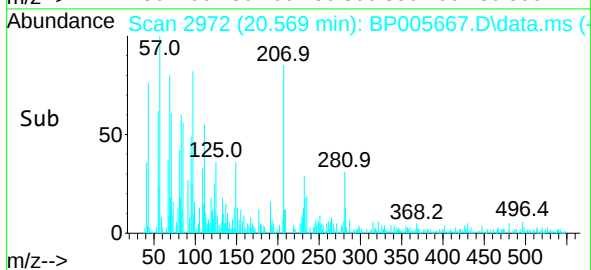
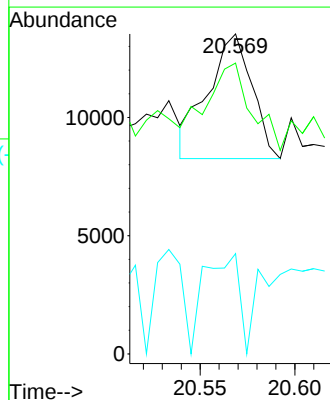
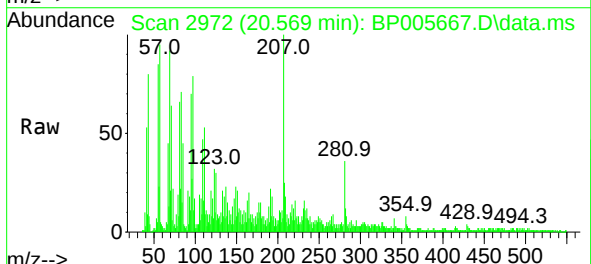
Instrument :
 BNA_P
 ClientSampleId :
 18-B1(0-2)

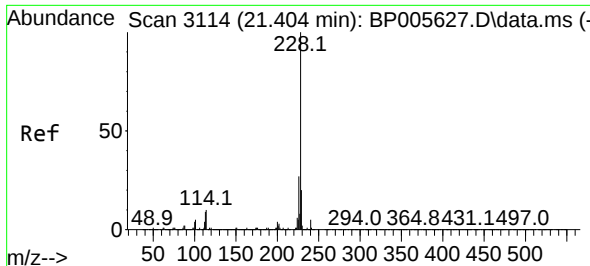
Tgt Ion:244 Resp: 3220336
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.8 8.6
 122 8.6 5.2 7.8#



#80
 Butylbenzylphthalate
 Concen: 4.34 ng
 RT: 20.569 min Scan# 2972
 Delta R.T. -0.000 min
 Lab File: BP005667.D
 Acq: 02 Jun 2021 16:06

Tgt Ion:149 Resp: 8559
 Ion Ratio Lower Upper
 149 100
 91 90.9 60.2 90.4#
 206 31.4 23.9 35.9

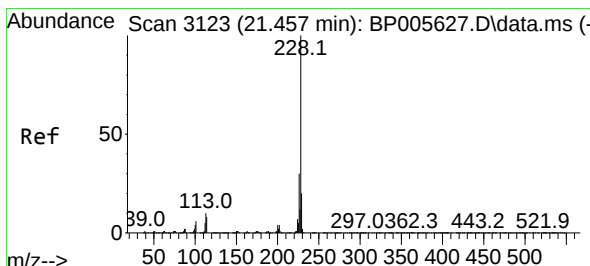
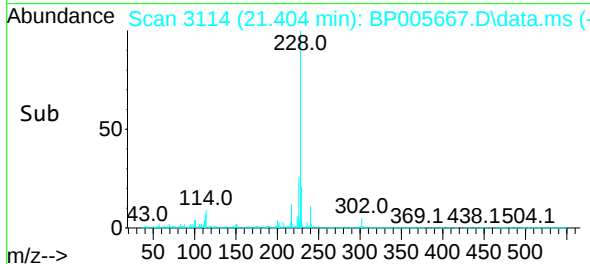
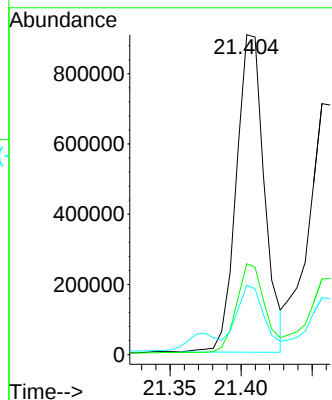
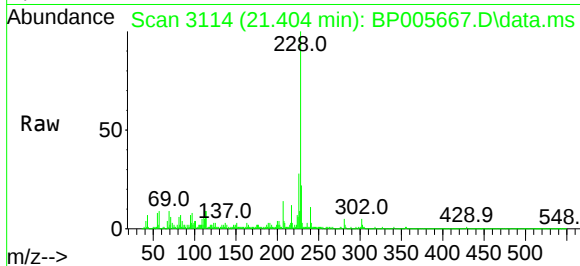




#81
Benzo(a)anthracene
Concen: 13.06 ng
RT: 21.404 min Scan# 3114
Delta R.T. -0.000 min
Lab File: BP005667.D
Acq: 02 Jun 2021 16:06

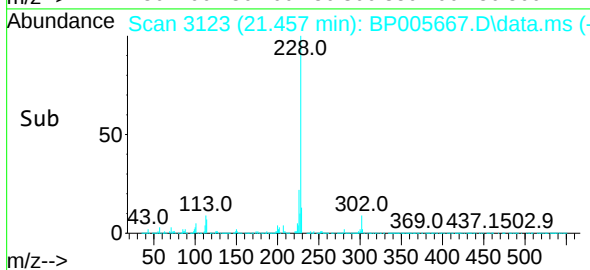
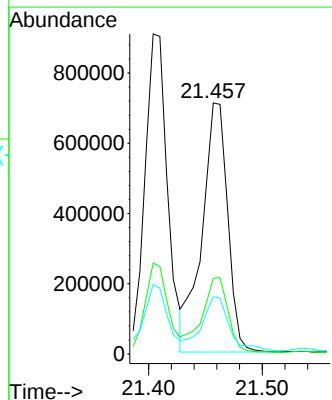
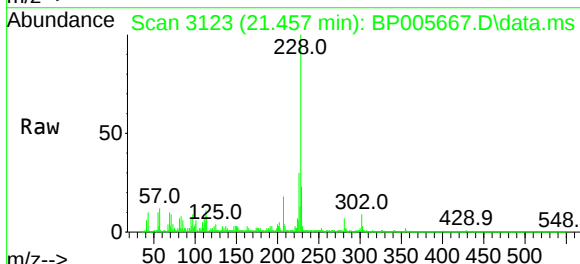
Instrument :
BNA_P
ClientSampleId :
18-B1(0-2)

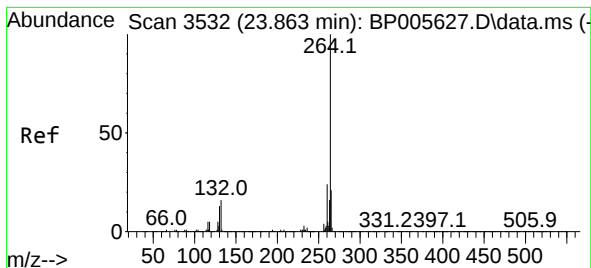
Tgt Ion:228 Resp: 1247319
Ion Ratio Lower Upper
228 100
226 28.4 21.2 31.8
229 21.7 15.6 23.4



#83
Chrysene
Concen: 12.09 ng
RT: 21.457 min Scan# 3123
Delta R.T. -0.000 min
Lab File: BP005667.D
Acq: 02 Jun 2021 16:06

Tgt Ion:228 Resp: 1118141
Ion Ratio Lower Upper
228 100
226 30.2 24.8 37.2
229 22.8 15.4 23.0

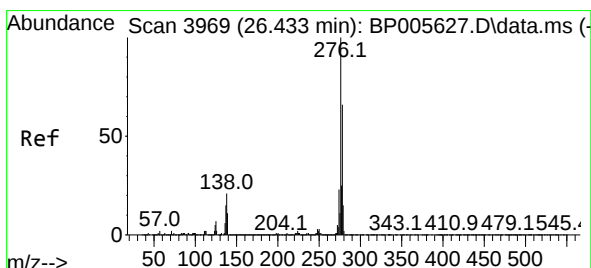
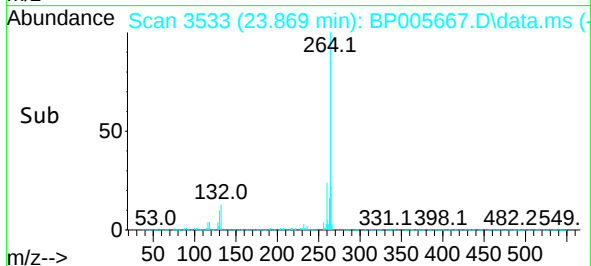
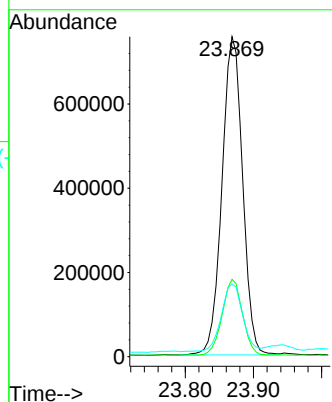
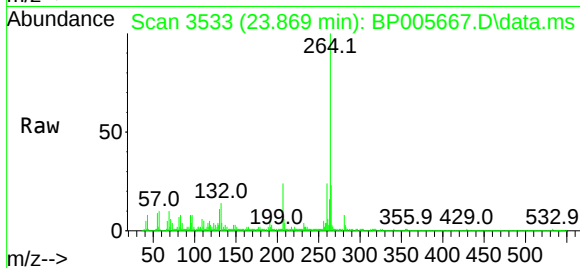




#86
Perylene-d12
Concen: 20.00 ng
RT: 23.869 min Scan# 3533
Delta R.T. 0.006 min
Lab File: BP005667.D
Acq: 02 Jun 2021 16:06

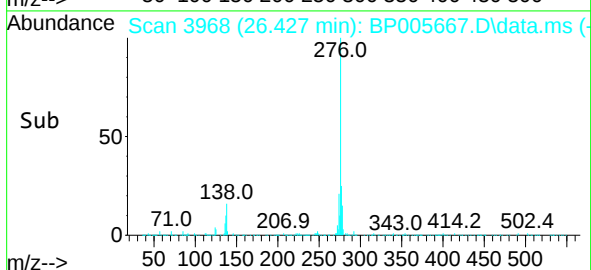
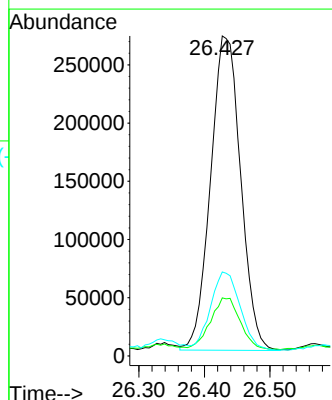
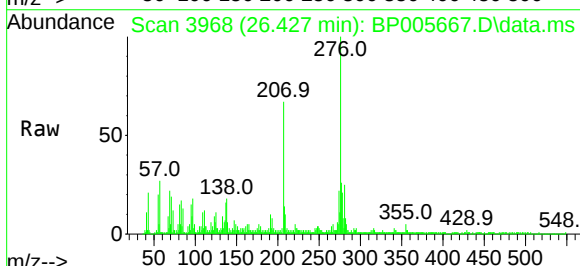
Instrument :
BNA_P
ClientSampleId :
18-B1(0-2)

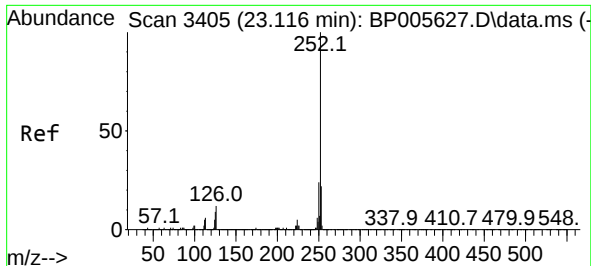
Tgt Ion:264 Resp: 1591948
Ion Ratio Lower Upper
264 100
260 24.1 20.6 30.8
265 22.7 19.0 28.6



#87
Indeno(1,2,3-cd)pyrene
Concen: 6.35 ng
RT: 26.427 min Scan# 3968
Delta R.T. -0.006 min
Lab File: BP005667.D
Acq: 02 Jun 2021 16:06

Tgt Ion:276 Resp: 860112
Ion Ratio Lower Upper
276 100
138 16.3 8.4 12.6#
277 24.5 20.6 31.0

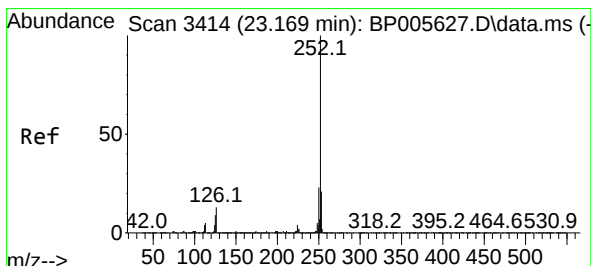
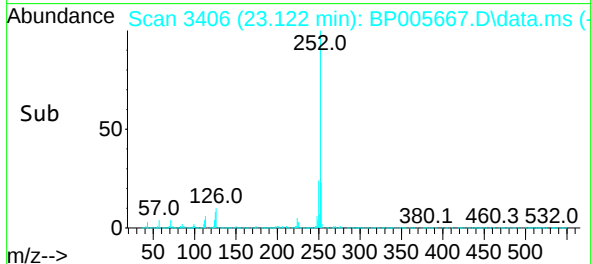
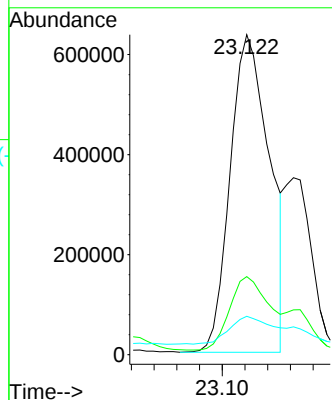
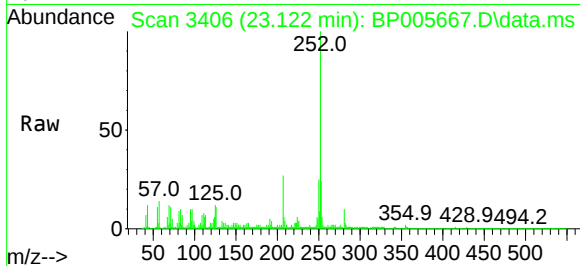




#88
Benzo(b)fluoranthene
Concen: 13.21 ng
RT: 23.122 min Scan# 3406
Delta R.T. 0.006 min
Lab File: BP005667.D
Acq: 02 Jun 2021 16:06

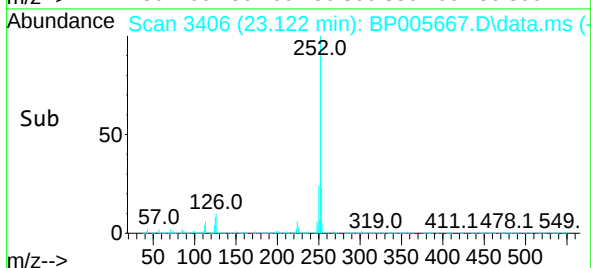
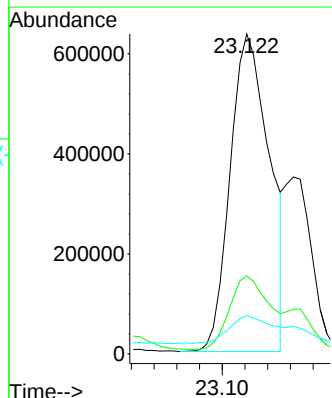
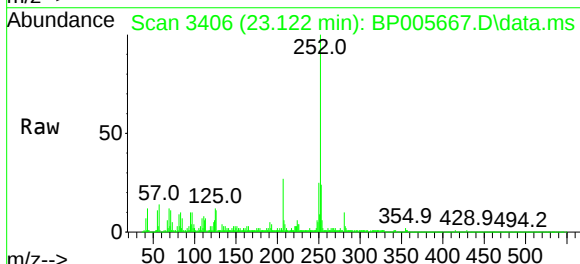
Instrument :
BNA_P
ClientSampleId :
18-B1(0-2)

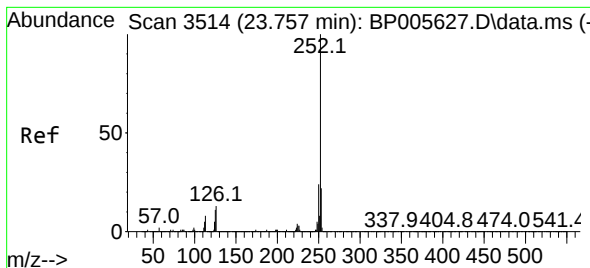
Tgt Ion:252 Resp: 1526274
Ion Ratio Lower Upper
252 100
253 24.4 18.2 27.2
125 12.0 3.4 5.0#



#89
Benzo(k)fluoranthene
Concen: 13.94 ng
RT: 23.122 min Scan# 3406
Delta R.T. -0.047 min
Lab File: BP005667.D
Acq: 02 Jun 2021 16:06

Tgt Ion:252 Resp: 1526274
Ion Ratio Lower Upper
252 100
253 24.4 17.2 25.8
125 12.0 3.8 5.6#

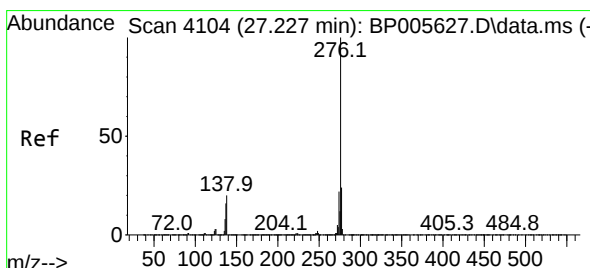
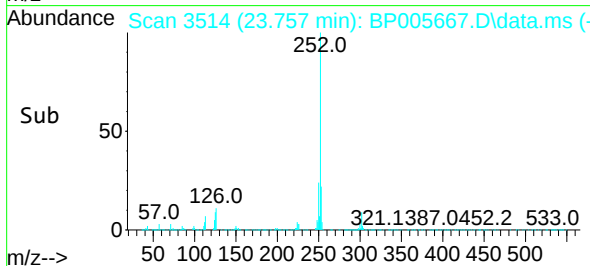
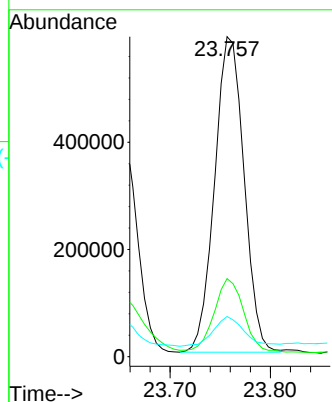
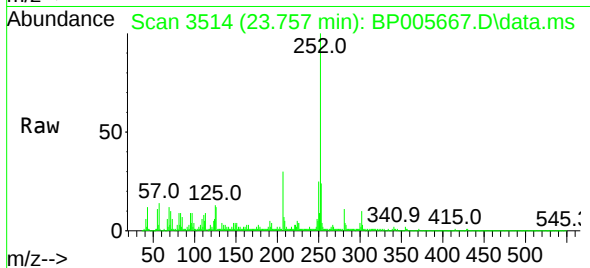




#90
Benzo(a)pyrene
Concen: 11.42 ng
RT: 23.757 min Scan# 3514
Delta R.T. -0.000 min
Lab File: BP005667.D
Acq: 02 Jun 2021 16:06

Instrument :
BNA_P
ClientSampleId :
18-B1(0-2)

Tgt Ion:252 Resp: 1199959
Ion Ratio Lower Upper
252 100
253 24.4 17.1 25.7
125 12.5 3.8 5.6#



#92
Benzo(g,h,i)perylene
Concen: 7.81 ng
RT: 27.227 min Scan# 4104
Delta R.T. -0.000 min
Lab File: BP005667.D
Acq: 02 Jun 2021 16:06

Tgt Ion:276 Resp: 885194
Ion Ratio Lower Upper
276 100
277 25.7 19.8 29.8
138 17.7 7.7 11.5#

