

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060421\
 Data File : BP005734.D
 Acq On : 05 Jun 2021 03:55
 Operator : CG/JU
 Sample : M2589-01 5X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 18-B7(0-2)

Quant Time: Jun 05 04:36:17 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)

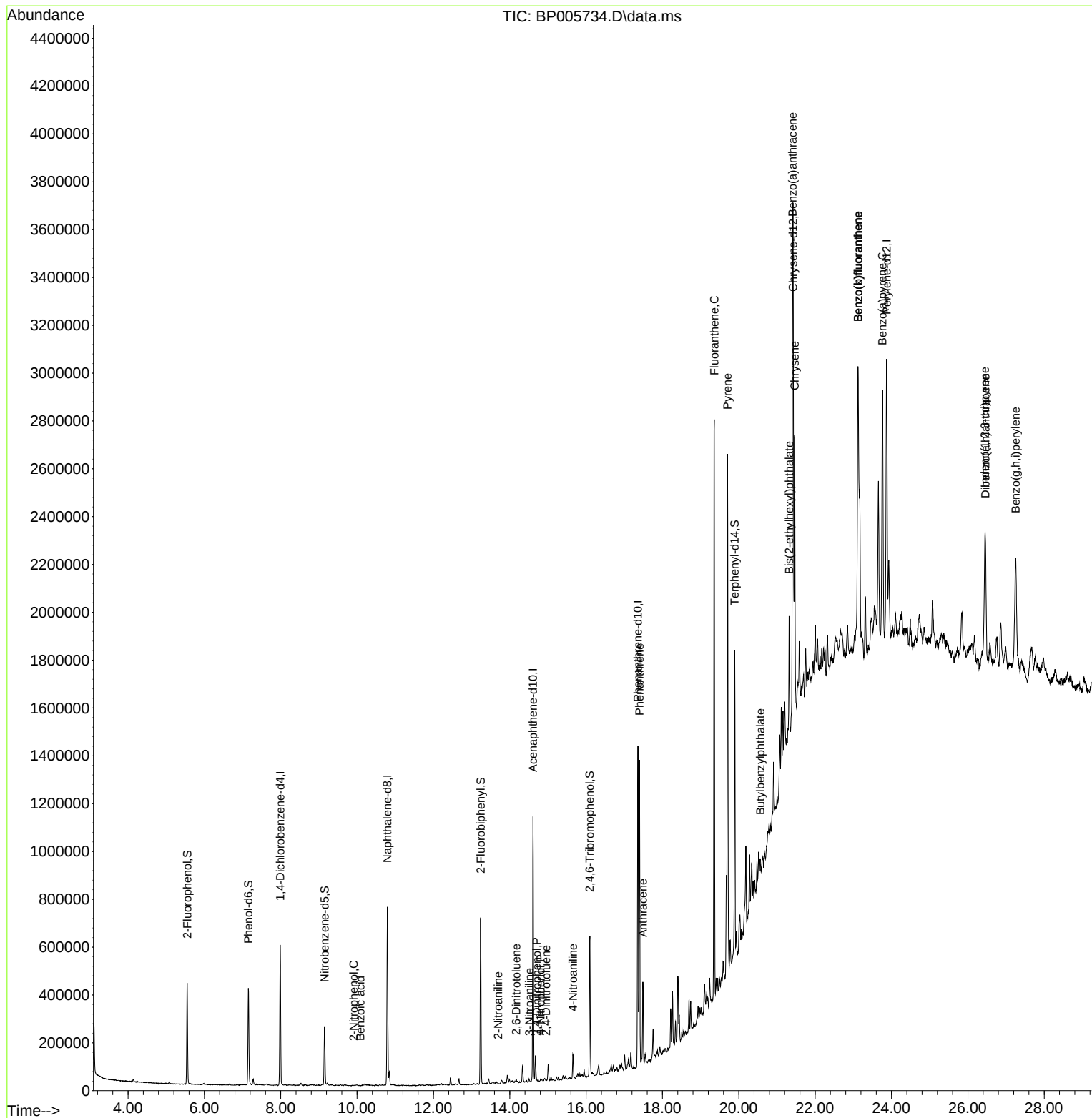
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.987	152	160574	20.00	ng	0.00
21) Naphthalene-d8	10.793	136	628254	20.00	ng	0.00
39) Acenaphthene-d10	14.610	164	388825	20.00	ng	0.00
64) Phenanthrene-d10	17.357	188	811298	20.00	ng	# 0.00
76) Chrysene-d12	21.422	240	820941	20.00	ng	# 0.00
86) Perylene-d12	23.874	264	957452	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.552	112	195378	18.92	ng	0.00
7) Phenol-d6	7.152	99	242484	17.22	ng	0.00
23) Nitrobenzene-d5	9.152	82	146475	12.97	ng	0.00
42) 2,4,6-Tribromophenol	16.098	330	120684	24.21	ng	0.00
45) 2-Fluorobiphenyl	13.240	172	374678	12.75	ng	0.00
79) Terphenyl-d14	19.892	244	549914	12.57	ng	0.00
Target Compounds						Qvalue
26) 2-Nitrophenol	9.910	139	78	4.17	ng	# 1
32) Benzoic acid	10.087	122	78	5.03	ng	# 1
48) 2-Nitroaniline	13.693	65	122	4.51	ng	# 41
51) 2,6-Dinitrotoluene	14.169	165	152	5.08	ng	87
53) 3-Nitroaniline	14.516	138	63	3.66	ng	# 38
54) 2,4-Dinitrophenol	14.710	184	34	6.54	ng	# 1
56) 4-Nitrophenol	14.804	139	440	3.82	ng	96
57) 2,4-Dinitrotoluene	14.951	165	248	4.29	ng	# 55
62) 4-Nitroaniline	15.657	138	679	3.72	ng	# 26
71) Phenanthrene	17.398	178	750539	14.85	ng	100
72) Anthracene	17.486	178	213845	4.28	ng	100
75) Fluoranthene	19.357	202	1449256	23.89	ng	97
78) Pyrene	19.704	202	1282816	22.15	ng	99
80) Butylbenzylphthalate	20.563	149	20007	4.91	ng	93
81) Benzo(a)anthracene	21.410	228	768444	12.75	ng	97
83) Chrysene	21.463	228	682880	11.71	ng	96
84) Bis(2-ethylhexyl)phtha...	21.322	149	184814	5.65	ng	99
87) Indeno(1,2,3-cd)pyrene	26.451	276	645858	7.93	ng	# 93
88) Benzo(b)fluoranthene	23.121	252	1126305	16.21	ng	# 93
89) Benzo(k)fluoranthene	23.121	252	1126305	17.11	ng	# 91
90) Benzo(a)pyrene	23.763	252	821553	13.00	ng	# 93
91) Dibenzo(a,h)anthracene	26.462	278	169808	2.40	ng	# 82
92) Benzo(g,h,i)perylene	27.251	276	634390	9.30	ng	# 94

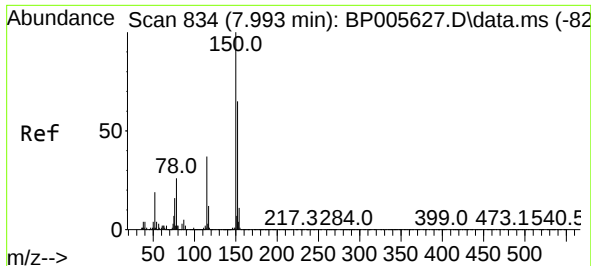
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060421\
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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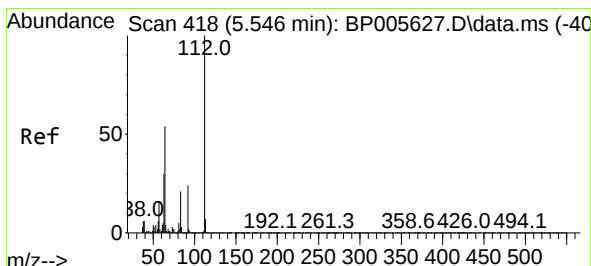
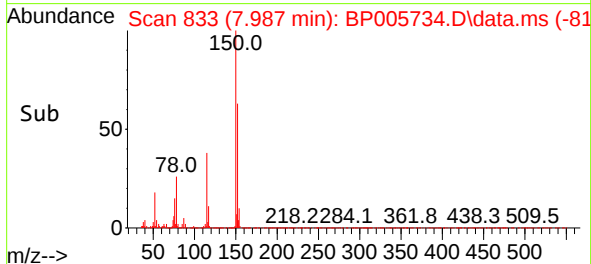
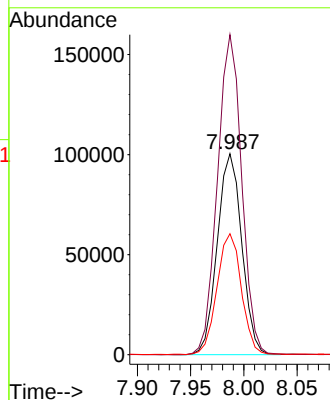
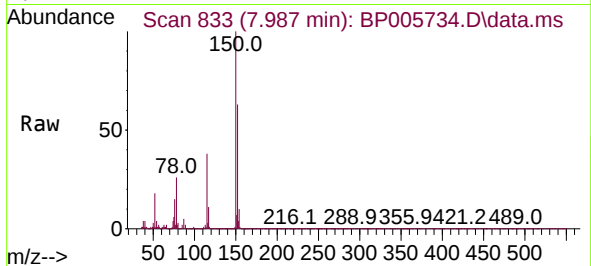




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.987 min Scan# 833
Delta R.T. -0.006 min
Lab File: BP005734.D
Acq: 05 Jun 2021 03:55

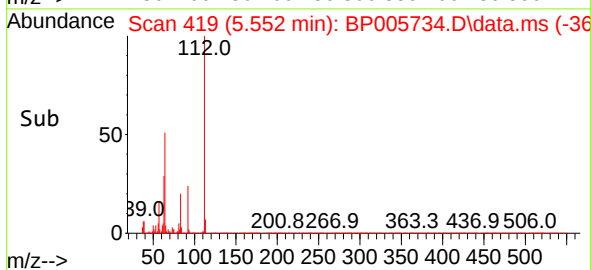
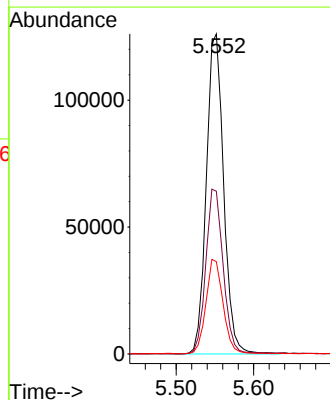
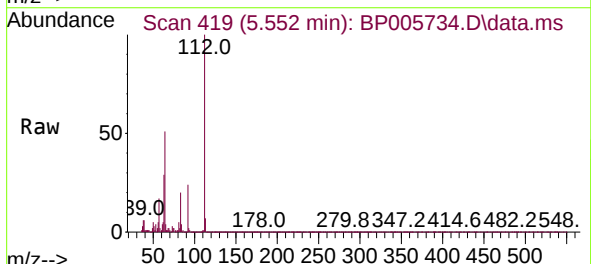
Instrument :
BNA_P
ClientSampleId :
18-B7(0-2)

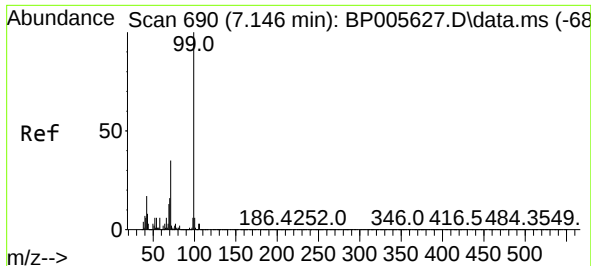
Tgt Ion:152 Resp: 160574
Ion Ratio Lower Upper
152 100
150 159.2 119.8 179.8
115 60.2 49.0 73.4



#5
2-Fluorophenol
Concen: 18.92 ng
RT: 5.552 min Scan# 419
Delta R.T. 0.006 min
Lab File: BP005734.D
Acq: 05 Jun 2021 03:55

Tgt Ion:112 Resp: 195378
Ion Ratio Lower Upper
112 100
64 50.9 33.6 50.4#
63 28.8 18.6 27.8#

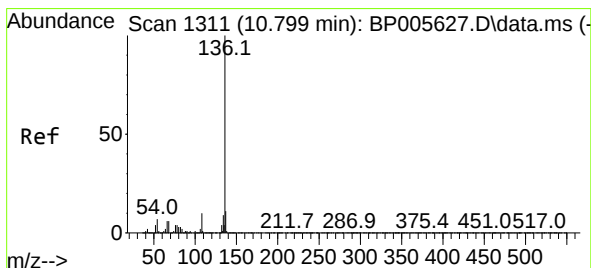
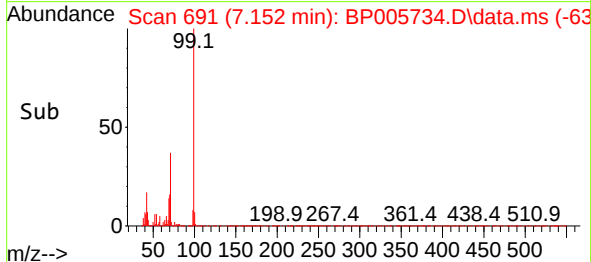
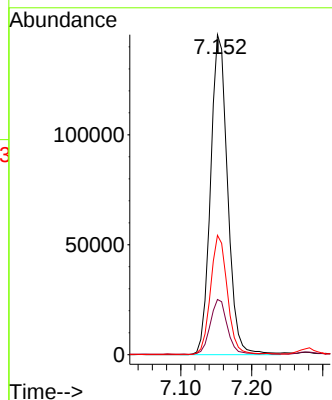
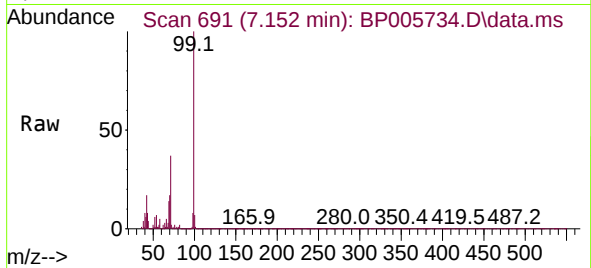




#7
Phenol-d6
Concen: 17.22 ng
RT: 7.152 min Scan# 691
Delta R.T. 0.006 min
Lab File: BP005734.D
Acq: 05 Jun 2021 03:55

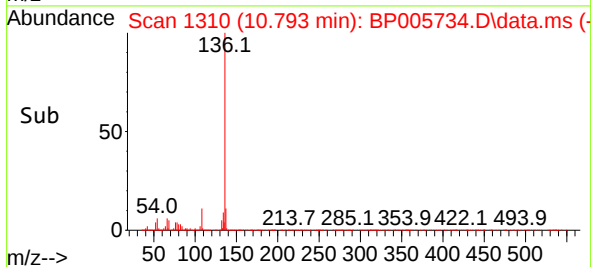
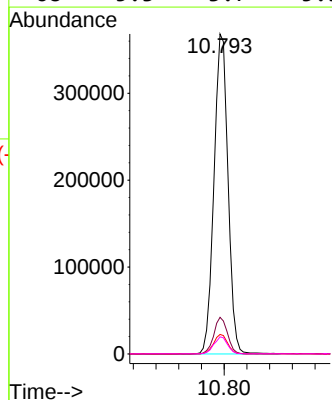
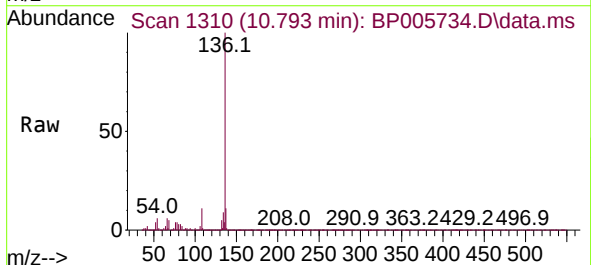
Instrument :
BNA_P
ClientSampleId :
18-B7(0-2)

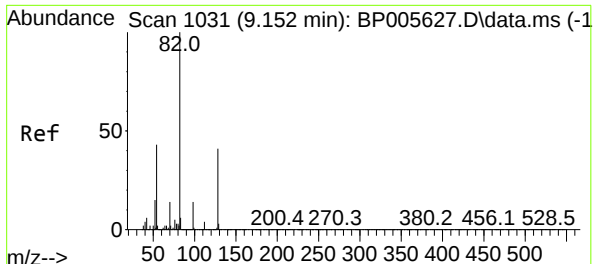
Tgt Ion:	99	Resp:	242484
Ion	Ratio	Lower	Upper
99	100		
42	17.3	12.9	19.3
71	37.3	26.7	40.1



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.793 min Scan# 1310
Delta R.T. -0.006 min
Lab File: BP005734.D
Acq: 05 Jun 2021 03:55

Tgt Ion:	136	Resp:	628254
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.9	13.3
54	6.1	5.0	7.4
68	5.3	3.7	5.5

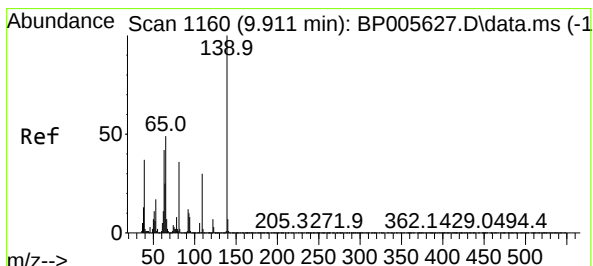
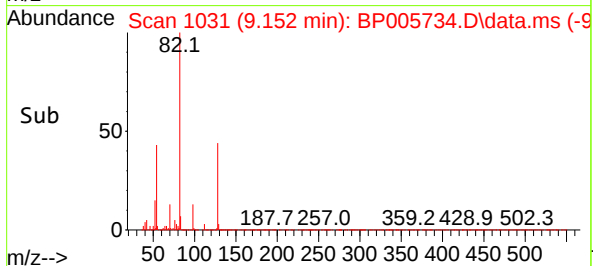
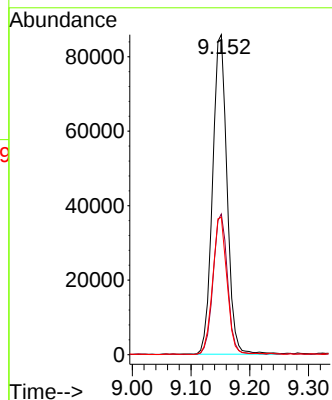
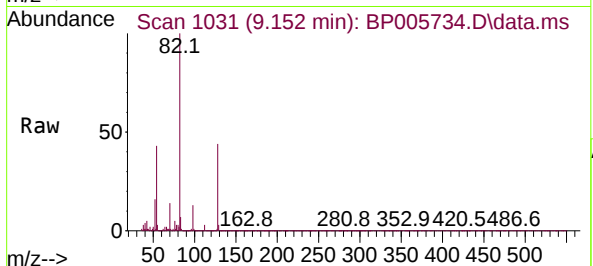




#23
Nitrobenzene-d5
Concen: 12.97 ng
RT: 9.152 min Scan# 1031
Delta R.T. -0.000 min
Lab File: BP005734.D
Acq: 05 Jun 2021 03:55

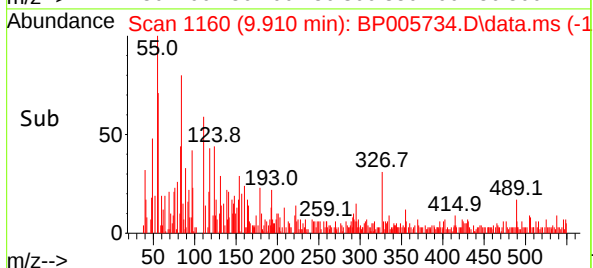
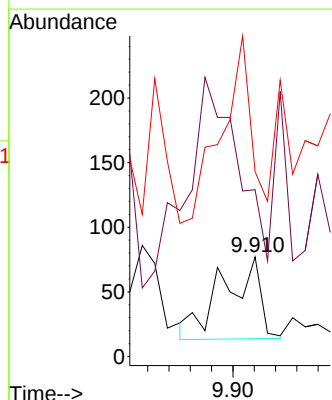
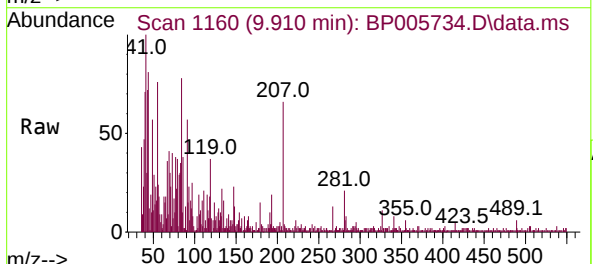
Instrument :
BNA_P
ClientSampleId :
18-B7(0-2)

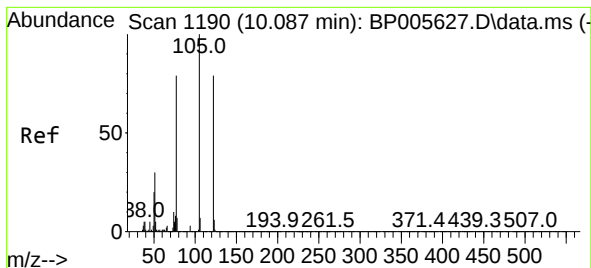
Tgt Ion: 82 Resp: 146475
Ion Ratio Lower Upper
82 100
128 43.9 30.5 45.7
54 42.9 33.9 50.9



#26
2-Nitrophenol
Concen: 4.17 ng
RT: 9.910 min Scan# 1160
Delta R.T. -0.001 min
Lab File: BP005734.D
Acq: 05 Jun 2021 03:55

Tgt Ion:139 Resp: 78
Ion Ratio Lower Upper
139 100
109 196.1 40.7 61.1#
65 185.7 47.8 71.6#

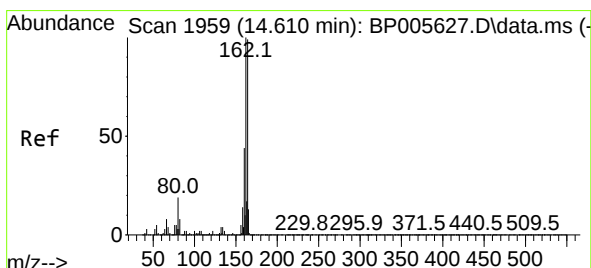
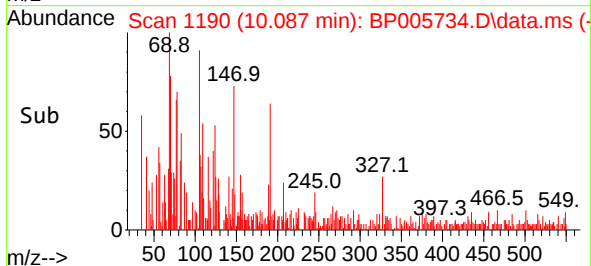
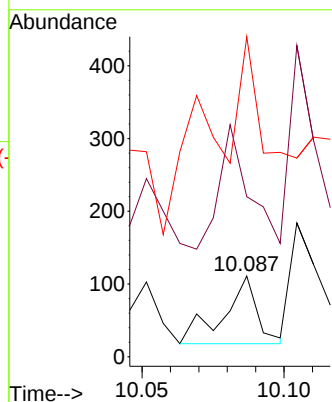
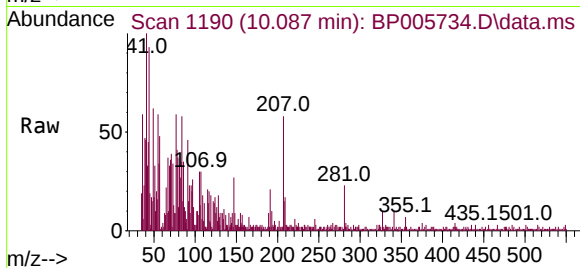




#32
Benzoic acid
Concen: 5.03 ng
RT: 10.087 min Scan# 1190
Delta R.T. -0.000 min
Lab File: BP005734.D
Acq: 05 Jun 2021 03:55

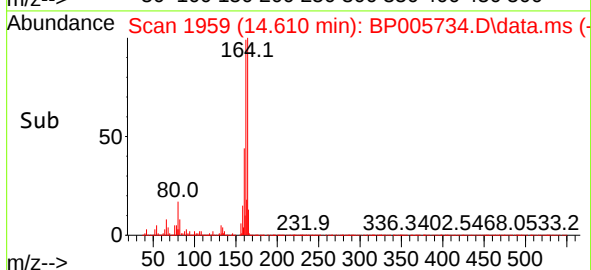
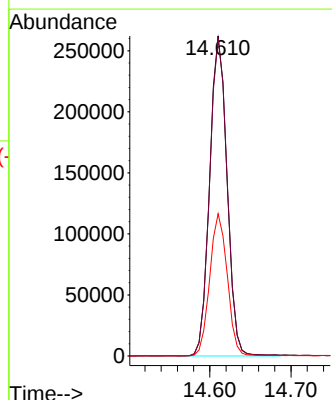
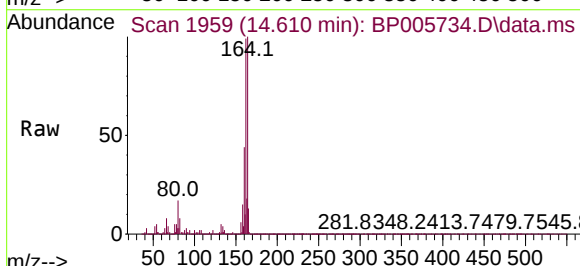
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BNA_P
ClientSampleId :
18-B7(0-2)

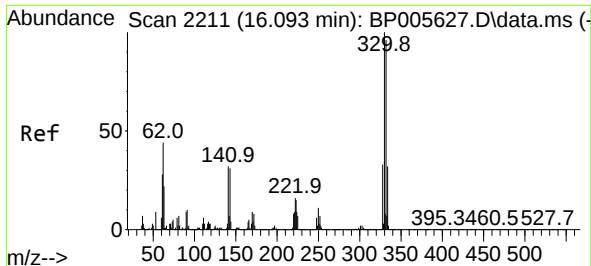
Tgt Ion:	122	Resp:	78
Ion	Ratio	Lower	Upper
122	100		
105	198.2	105.1	145.1#
77	396.4	69.6	109.6#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.610 min Scan# 1959
Delta R.T. 0.000 min
Lab File: BP005734.D
Acq: 05 Jun 2021 03:55

Tgt Ion:	164	Resp:	388825
Ion	Ratio	Lower	Upper
164	100		
162	99.2	73.5	110.3
160	44.4	40.6	61.0

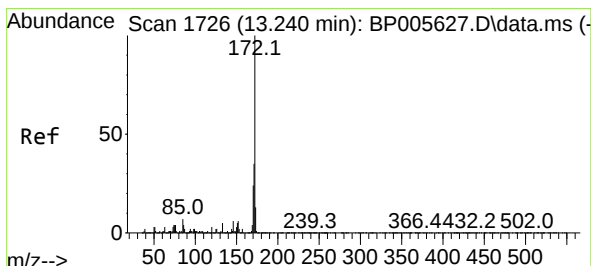
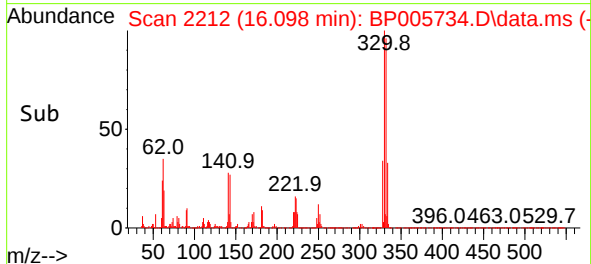
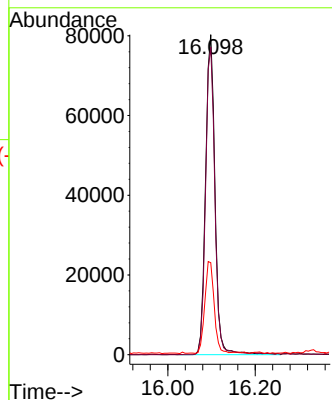
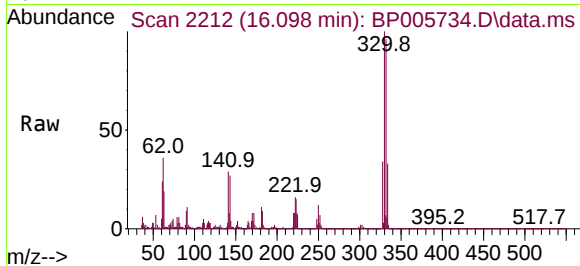




#42
2,4,6-Tribromophenol
Concen: 24.21 ng
RT: 16.098 min Scan# 2212
Delta R.T. 0.006 min
Lab File: BP005734.D
Acq: 05 Jun 2021 03:55

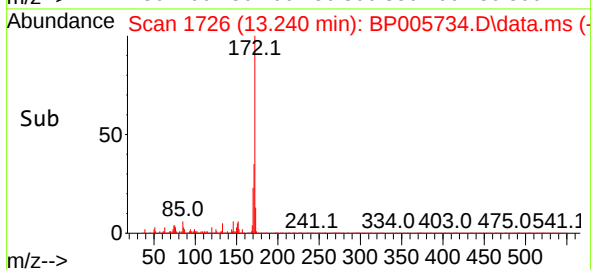
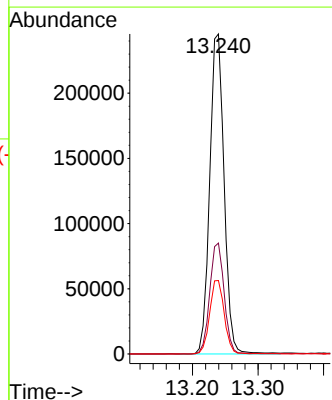
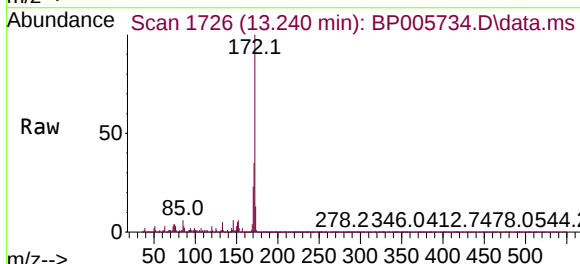
Instrument :
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ClientSampleId :
18-B7(0-2)

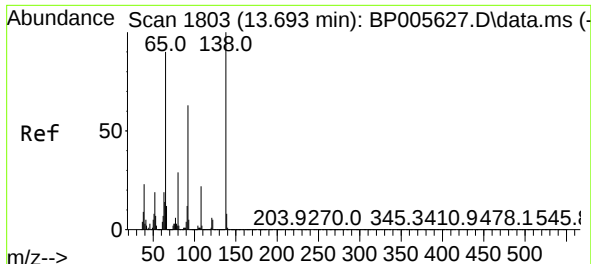
Tgt Ion: 330 Resp: 120684
Ion Ratio Lower Upper
330 100
332 94.3 76.3 114.5
141 28.2 22.8 34.2



#45
2-Fluorobiphenyl
Concen: 12.75 ng
RT: 13.240 min Scan# 1726
Delta R.T. -0.000 min
Lab File: BP005734.D
Acq: 05 Jun 2021 03:55

Tgt Ion: 172 Resp: 374678
Ion Ratio Lower Upper
172 100
171 34.6 28.1 42.1
170 23.0 19.6 29.4

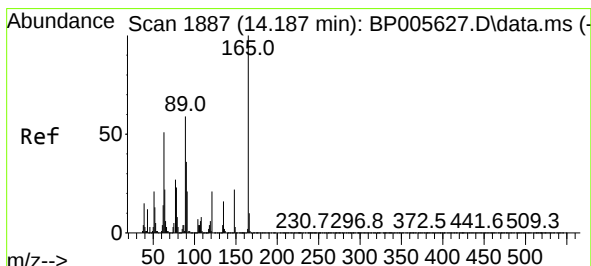
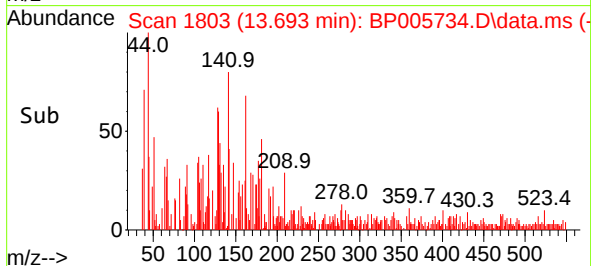
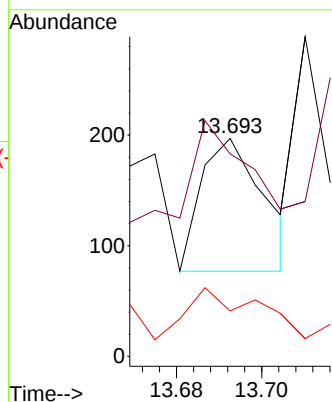
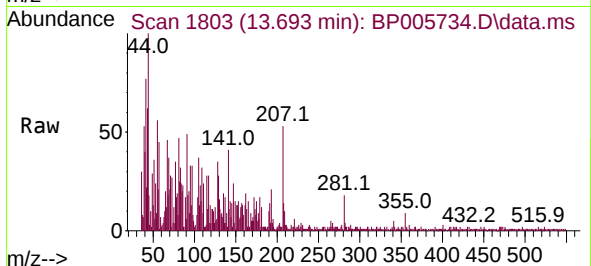




#48
2-Nitroaniline
Concen: 4.51 ng
RT: 13.693 min Scan# 1803
Delta R.T. -0.000 min
Lab File: BP005734.D
Acq: 05 Jun 2021 03:55

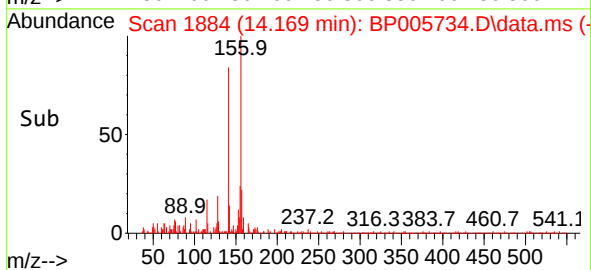
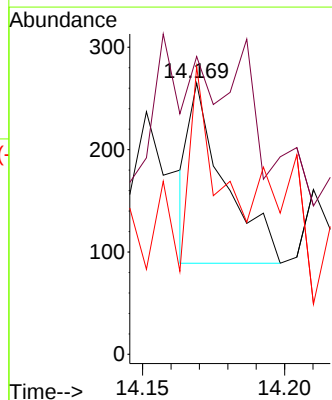
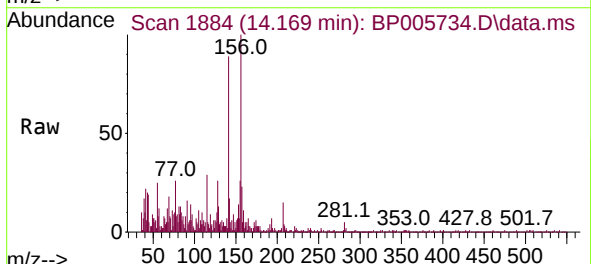
Instrument :
BNA_P
ClientSampled :
18-B7(0-2)

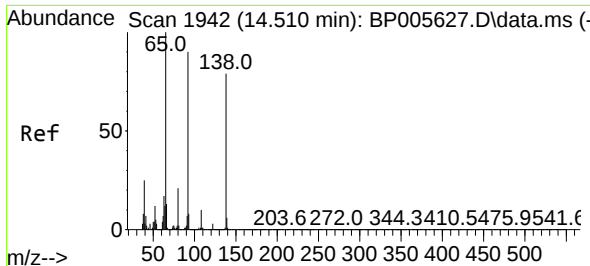
Tgt Ion: 65 Resp: 122
Ion Ratio Lower Upper
65 100
92 92.9 48.8 73.2#
138 20.8 69.5 104.3#



#51
2,6-Dinitrotoluene
Concen: 5.08 ng
RT: 14.169 min Scan# 1884
Delta R.T. -0.018 min
Lab File: BP005734.D
Acq: 05 Jun 2021 03:55

Tgt Ion:165 Resp: 152
Ion Ratio Lower Upper
165 100
63 77.4 67.4 101.0
89 74.7 73.8 110.6

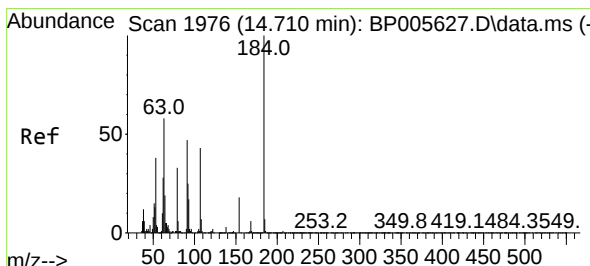
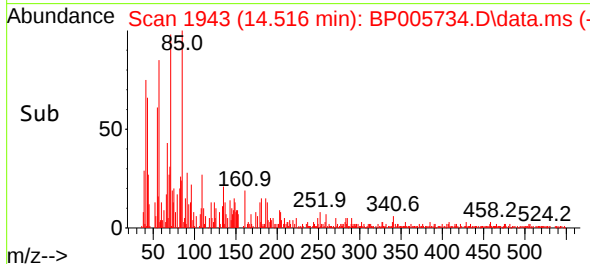
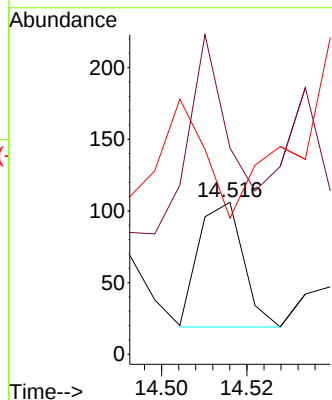
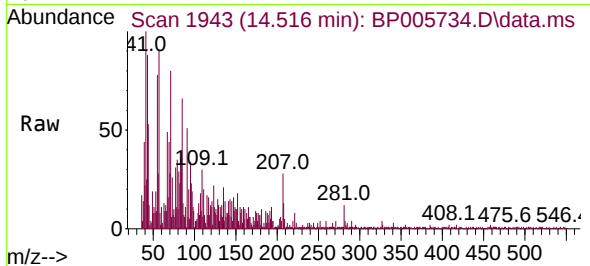




#53
3-Nitroaniline
Concen: 3.66 ng
RT: 14.516 min Scan# 1943
Delta R.T. 0.006 min
Lab File: BP005734.D
Acq: 05 Jun 2021 03:55

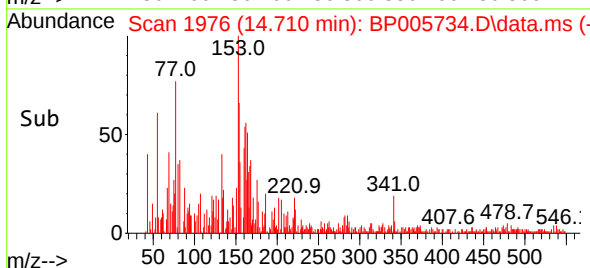
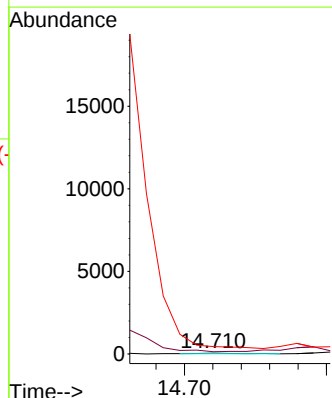
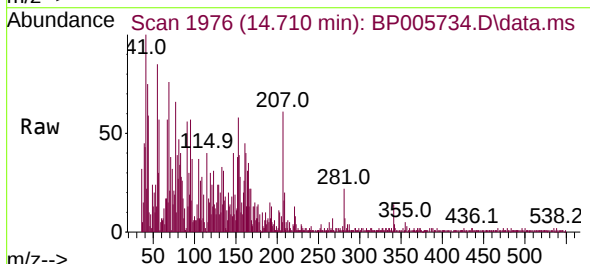
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18-B7(0-2)

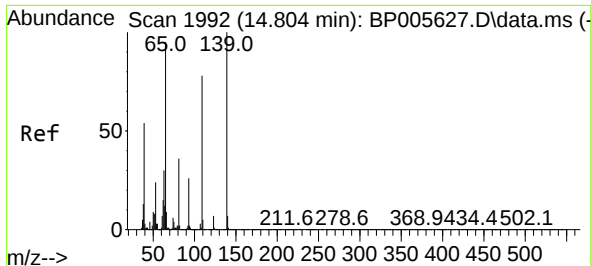
Tgt Ion:138 Resp: 63
Ion Ratio Lower Upper
138 100
108 135.8 10.2 15.4#
92 89.6 108.1 162.1#



#54
2,4-Dinitrophenol
Concen: 6.54 ng
RT: 14.710 min Scan# 1976
Delta R.T. 0.000 min
Lab File: BP005734.D
Acq: 05 Jun 2021 03:55

Tgt Ion:184 Resp: 34
Ion Ratio Lower Upper
184 100
63 297.8 51.2 76.8#
154 971.7 55.8 83.8#

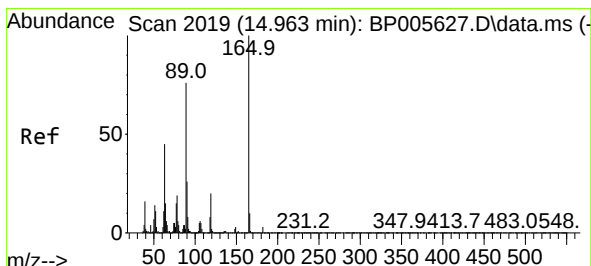
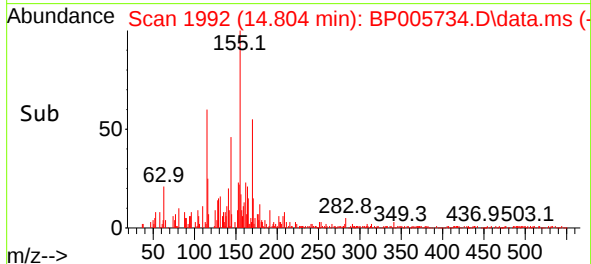
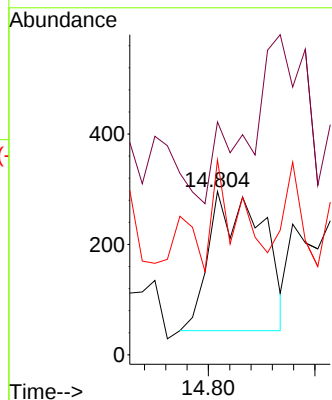
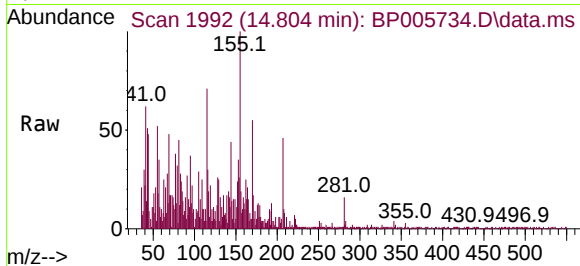




#56
4-Nitrophenol
Concen: 3.82 ng
RT: 14.804 min Scan# 1992
Delta R.T. 0.000 min
Lab File: BP005734.D
Acq: 05 Jun 2021 03:55

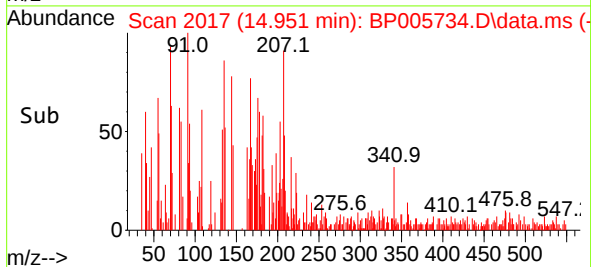
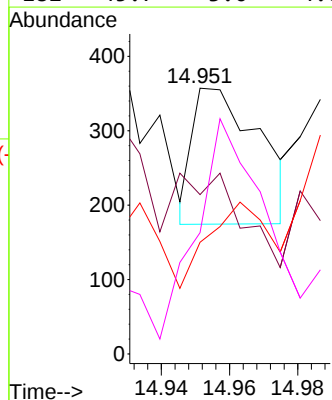
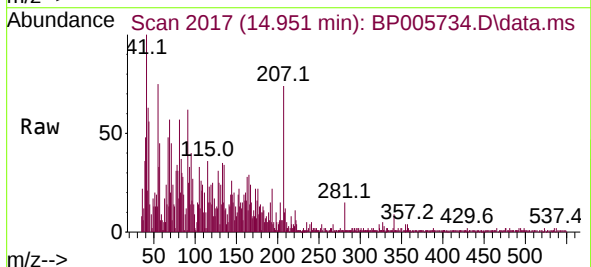
Instrument :
BNA_P
ClientSampleId :
18-B7(0-2)

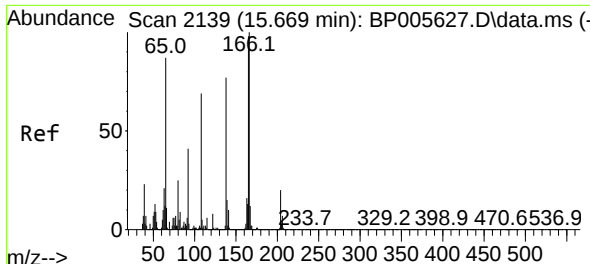
Tgt Ion:139 Resp: 440
Ion Ratio Lower Upper
139 100
109 142.6 122.8 162.8
65 119.3 110.0 150.0



#57
2,4-Dinitrotoluene
Concen: 4.29 ng
RT: 14.951 min Scan# 2017
Delta R.T. -0.012 min
Lab File: BP005734.D
Acq: 05 Jun 2021 03:55

Tgt Ion:165 Resp: 248
Ion Ratio Lower Upper
165 100
63 59.9 56.7 85.1
89 42.0 85.8 128.6#
182 45.7 3.0 4.6#

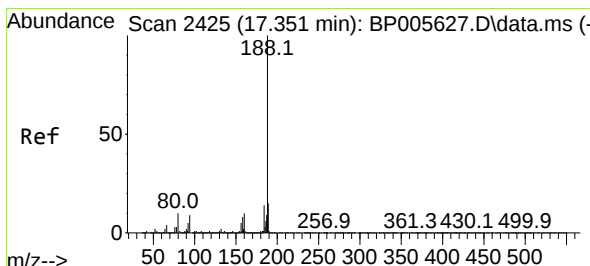
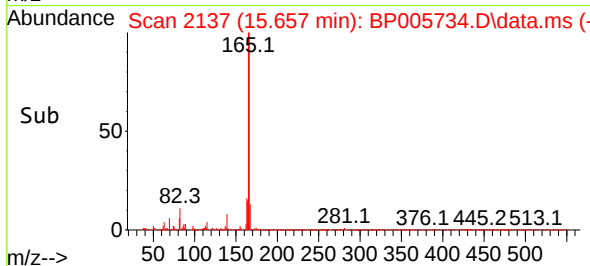
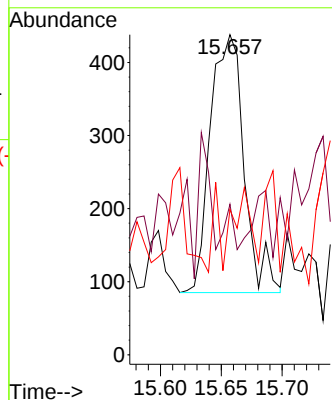
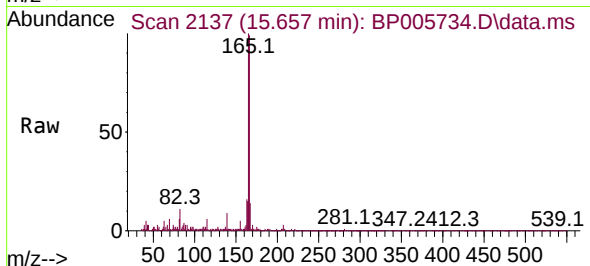




#62
4-Nitroaniline
Concen: 3.72 ng
RT: 15.657 min Scan# 2137
Delta R.T. -0.012 min
Lab File: BP005734.D
Acq: 05 Jun 2021 03:55

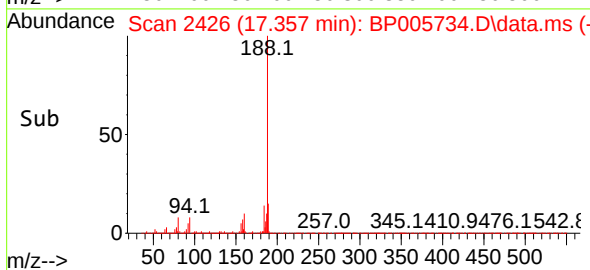
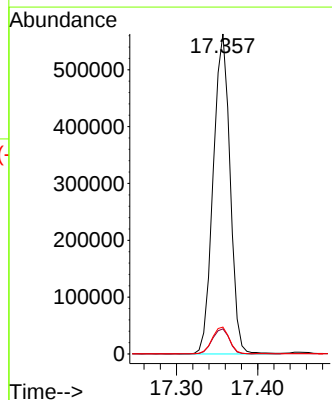
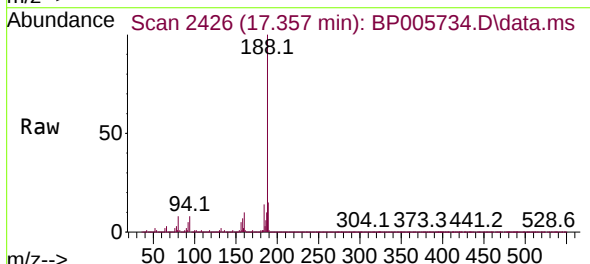
Instrument :
BNA_P
ClientSampleId :
18-B7(0-2)

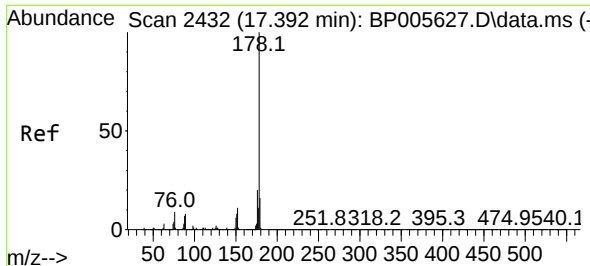
Tgt Ion:138 Resp: 679
Ion Ratio Lower Upper
138 100
92 47.0 50.9 90.9#
108 45.4 154.7 194.7#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.357 min Scan# 2426
Delta R.T. 0.006 min
Lab File: BP005734.D
Acq: 05 Jun 2021 03:55

Tgt Ion:188 Resp: 811298
Ion Ratio Lower Upper
188 100
94 7.9 5.0 7.6#
80 8.4 5.9 8.9

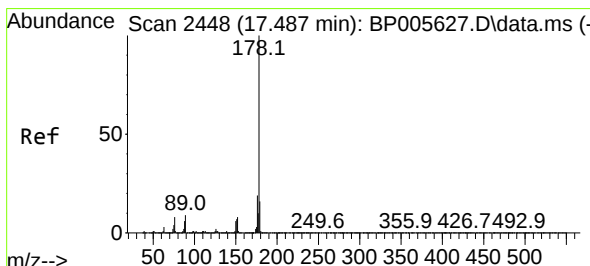
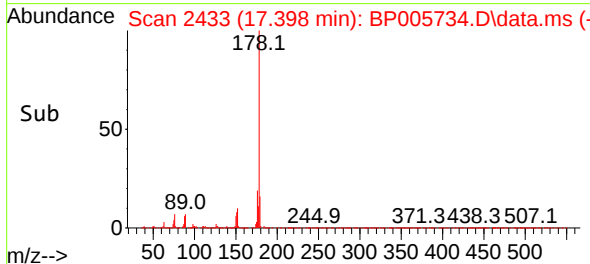
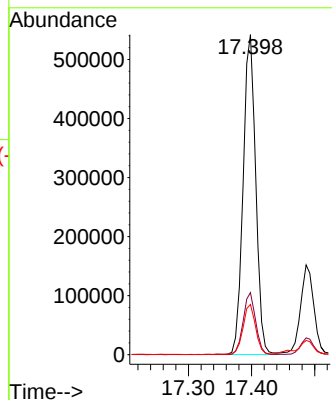
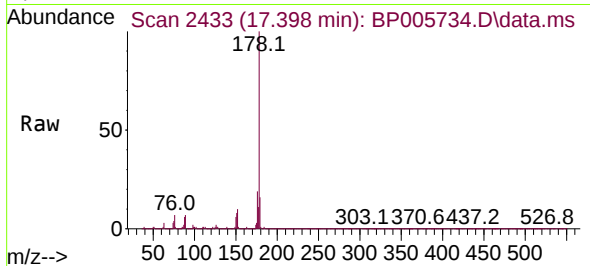




#71
Phenanthrene
Concen: 14.85 ng
RT: 17.398 min Scan# 2433
Delta R.T. 0.006 min
Lab File: BP005734.D
Acq: 05 Jun 2021 03:55

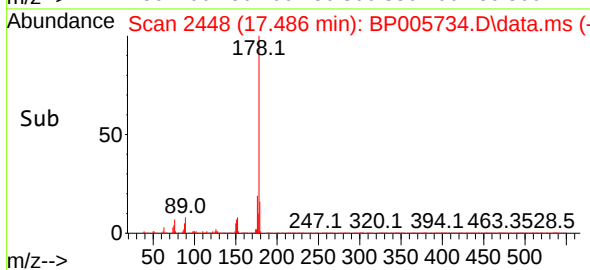
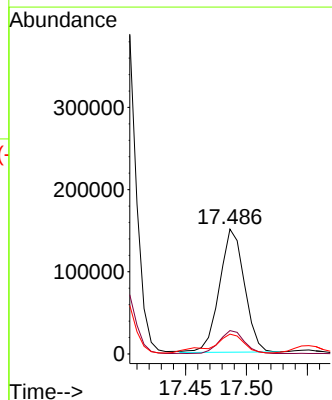
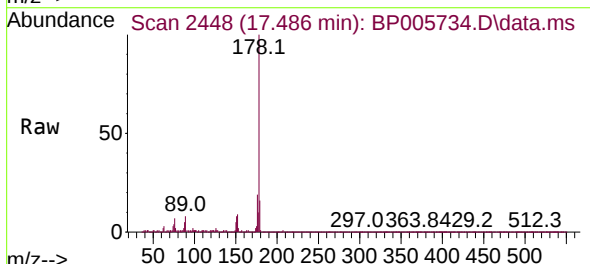
Instrument :
BNA_P
ClientSampleId :
18-B7(0-2)

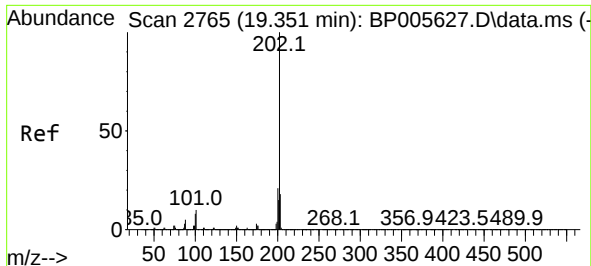
Tgt Ion:178 Resp: 750539
Ion Ratio Lower Upper
178 100
176 19.4 15.4 23.2
179 15.7 12.3 18.5



#72
Anthracene
Concen: 4.28 ng
RT: 17.486 min Scan# 2448
Delta R.T. -0.000 min
Lab File: BP005734.D
Acq: 05 Jun 2021 03:55

Tgt Ion:178 Resp: 213845
Ion Ratio Lower Upper
178 100
176 18.7 15.2 22.8
179 15.9 12.6 19.0

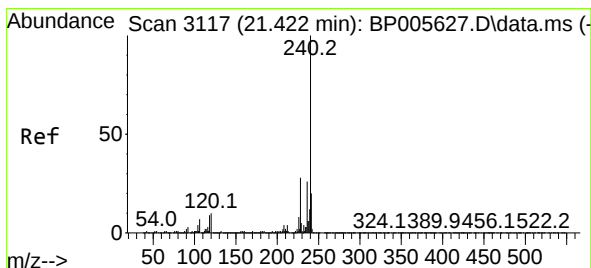
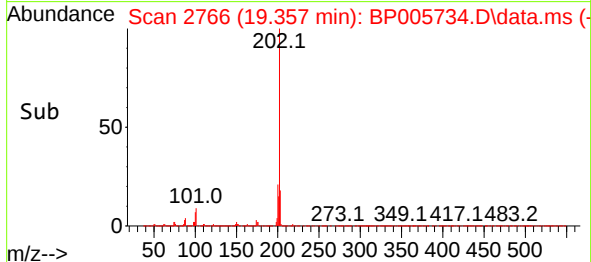
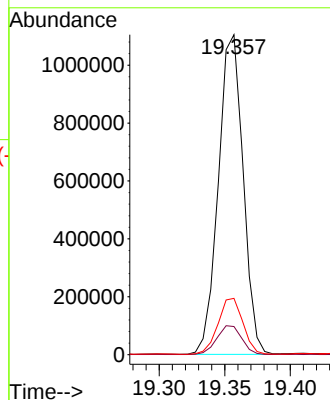
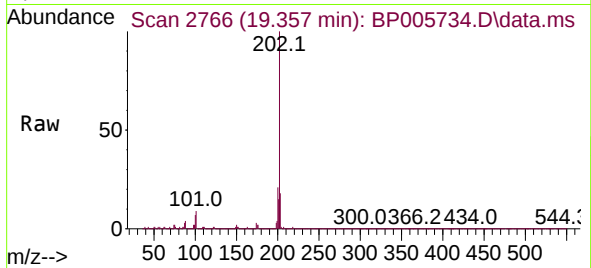




#75
Fluoranthene
Concen: 23.89 ng
RT: 19.357 min Scan# 2766
Delta R.T. 0.006 min
Lab File: BP005734.D
Acq: 05 Jun 2021 03:55

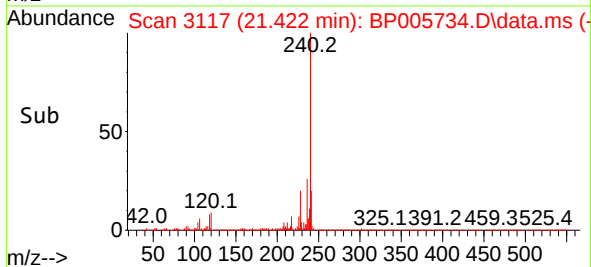
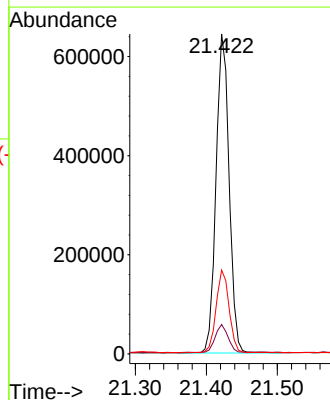
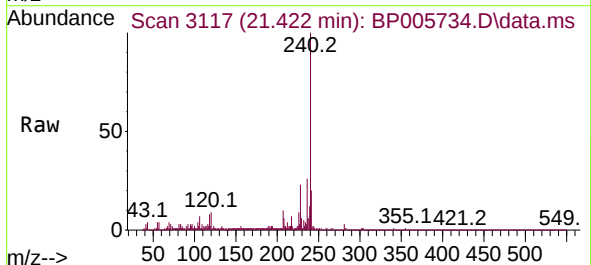
Instrument :
BNA_P
ClientSampleId :
18-B7(0-2)

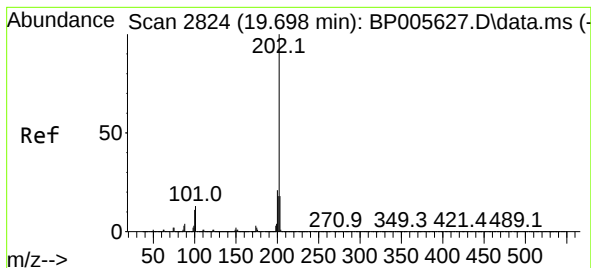
Tgt Ion:202 Resp: 1449256
Ion Ratio Lower Upper
202 100
101 8.8 0.0 26.1
203 17.6 0.0 37.2



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.422 min Scan# 3117
Delta R.T. -0.000 min
Lab File: BP005734.D
Acq: 05 Jun 2021 03:55

Tgt Ion:240 Resp: 820941
Ion Ratio Lower Upper
240 100
120 9.2 4.2 6.2#
236 26.2 20.2 30.2





#78

Pyrene

Concen: 22.15 ng

RT: 19.704 min Scan# 2825

Delta R.T. 0.006 min

Lab File: BP005734.D

Acq: 05 Jun 2021 03:55

Tgt Ion:202 Resp: 1282816

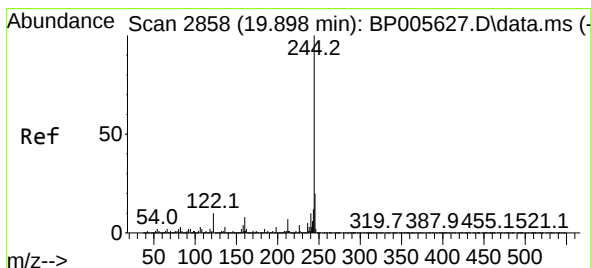
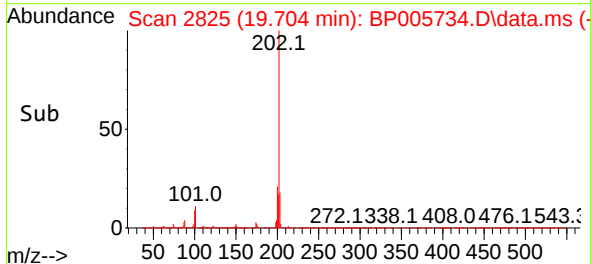
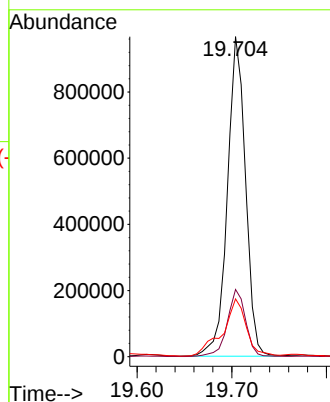
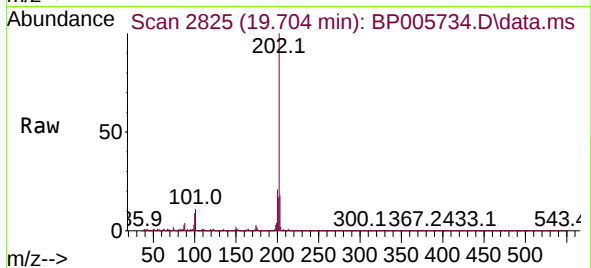
Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.9	25.3
203	18.0	13.8	20.6

Instrument :

BNA_P

ClientSampleId :

18-B7(0-2)



#79

Terphenyl-d14

Concen: 12.57 ng

RT: 19.892 min Scan# 2857

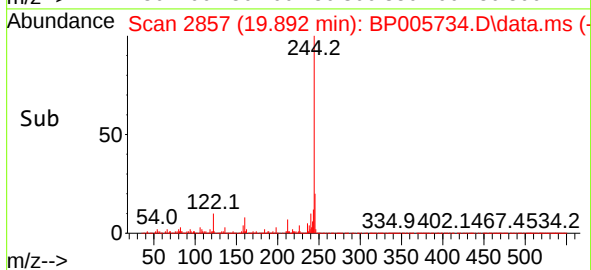
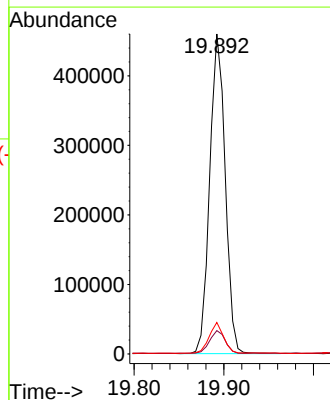
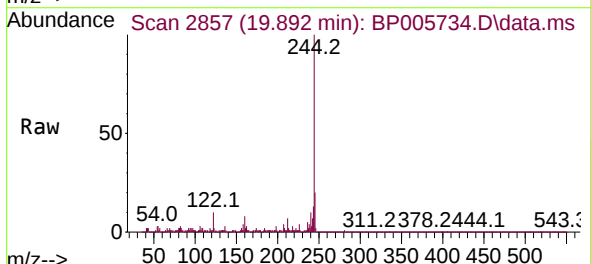
Delta R.T. -0.006 min

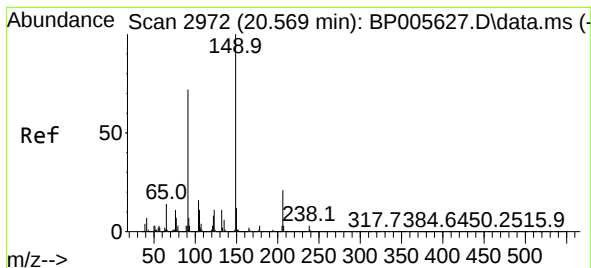
Lab File: BP005734.D

Acq: 05 Jun 2021 03:55

Tgt Ion:244 Resp: 549914

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.8	8.6
122	9.8	5.2	7.8#





#80

Butylbenzylphthalate

Concen: 4.91 ng

RT: 20.563 min Scan# 2971

Delta R.T. -0.006 min

Lab File: BP005734.D

Acq: 05 Jun 2021 03:55

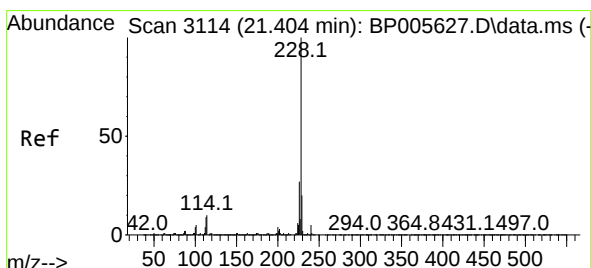
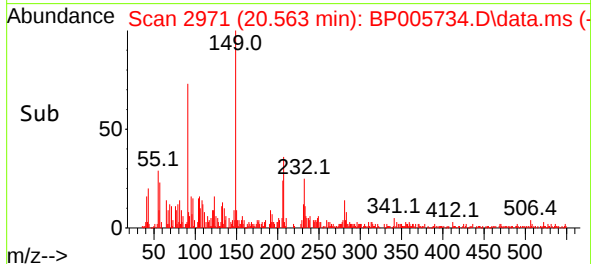
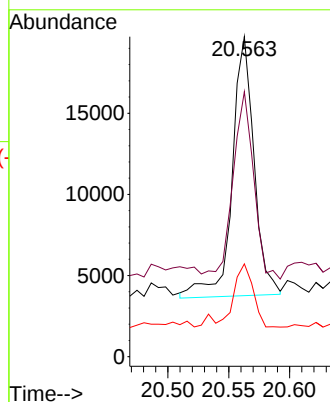
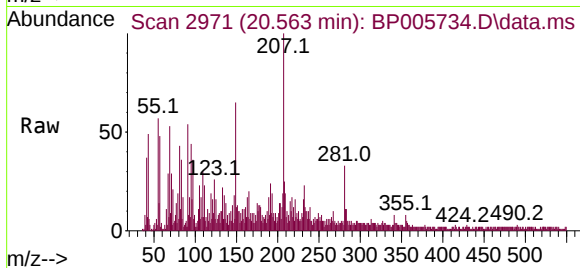
Instrument :

BNA_P

ClientSampleId :

18-B7(0-2)

Tgt Ion:	149	Resp:	20007
Ion Ratio	Lower	Upper	
149	100		
91	82.8	60.2	90.4
206	29.0	23.9	35.9



#81

Benzo(a)anthracene

Concen: 12.75 ng

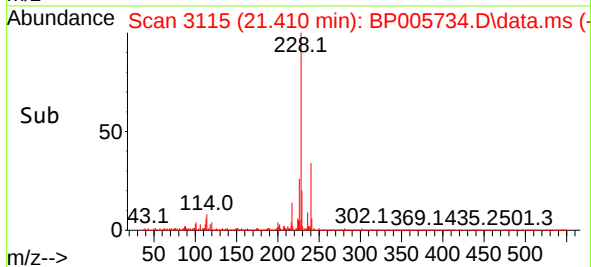
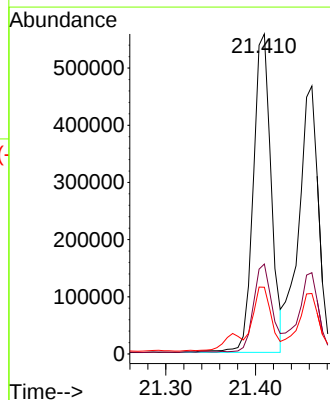
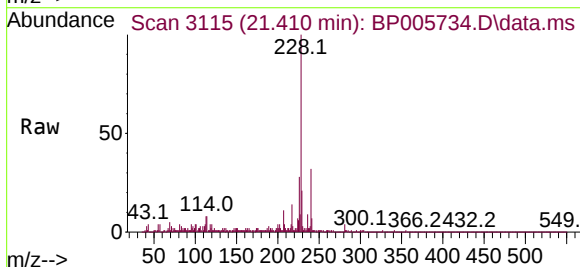
RT: 21.410 min Scan# 3115

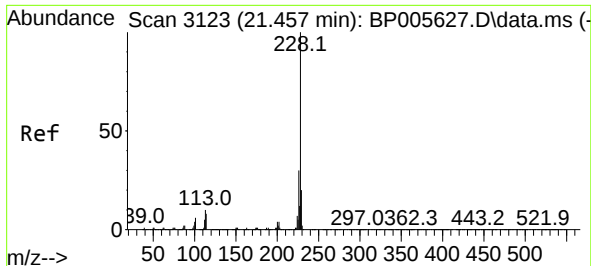
Delta R.T. 0.006 min

Lab File: BP005734.D

Acq: 05 Jun 2021 03:55

Tgt Ion:	228	Resp:	768444
Ion Ratio	Lower	Upper	
228	100		
226	28.1	21.2	31.8
229	20.9	15.6	23.4

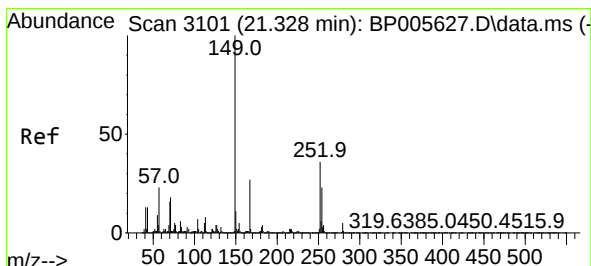
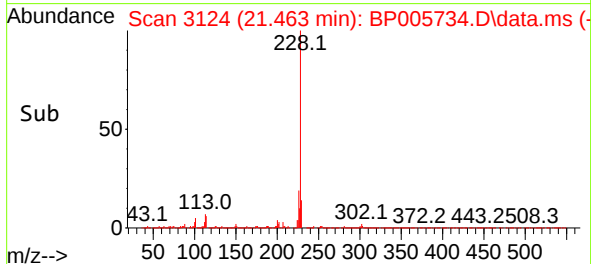
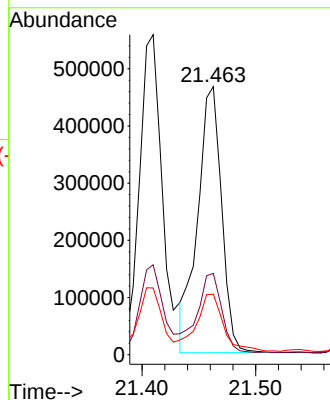
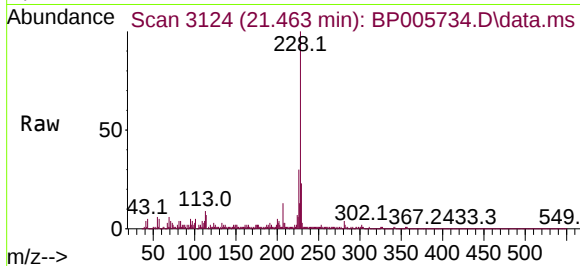




#83
Chrysene
Concen: 11.71 ng
RT: 21.463 min Scan# 3124
Delta R.T. 0.006 min
Lab File: BP005734.D
Acq: 05 Jun 2021 03:55

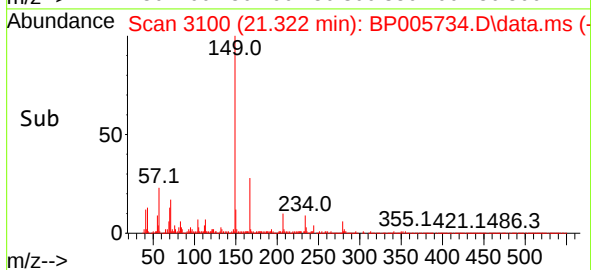
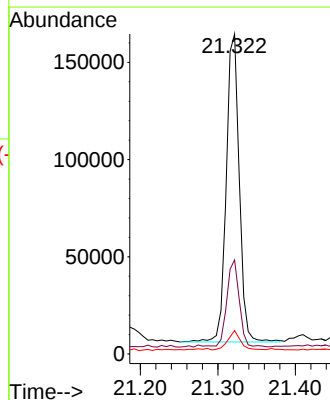
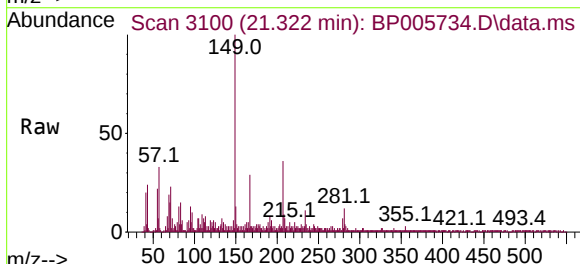
Instrument :
BNA_P
ClientSampleId :
18-B7(0-2)

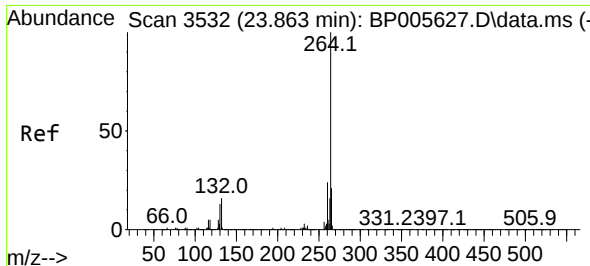
Tgt Ion:228 Resp: 682880
Ion Ratio Lower Upper
228 100
226 30.3 24.8 37.2
229 22.6 15.4 23.0



#84
Bis(2-ethylhexyl)phthalate
Concen: 5.65 ng
RT: 21.322 min Scan# 3100
Delta R.T. -0.006 min
Lab File: BP005734.D
Acq: 05 Jun 2021 03:55

Tgt Ion:149 Resp: 184814
Ion Ratio Lower Upper
149 100
167 29.4 23.8 35.8
279 7.3 5.7 8.5

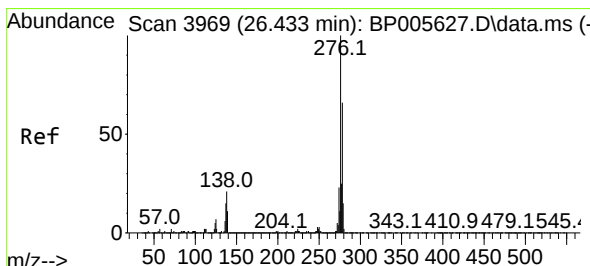
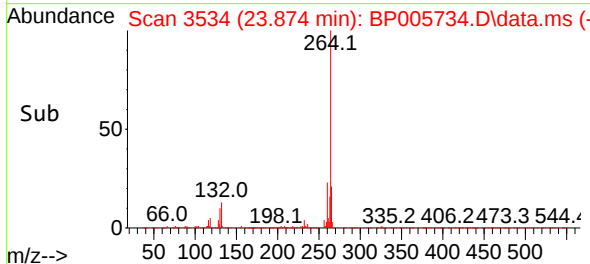
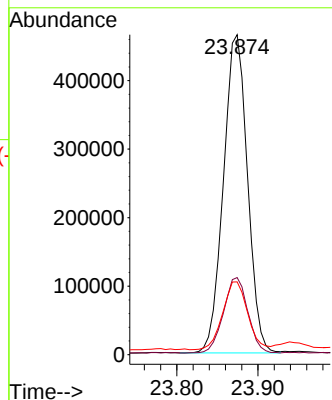
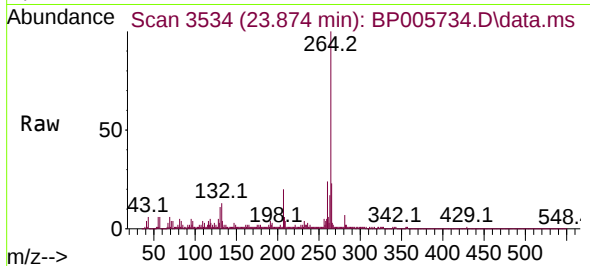




#86
Perylene-d12
Concen: 20.00 ng
RT: 23.874 min Scan# 3534
Delta R.T. 0.012 min
Lab File: BP005734.D
Acq: 05 Jun 2021 03:55

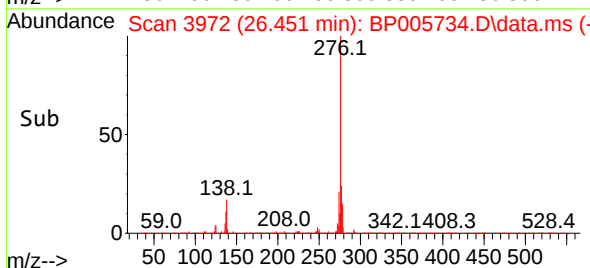
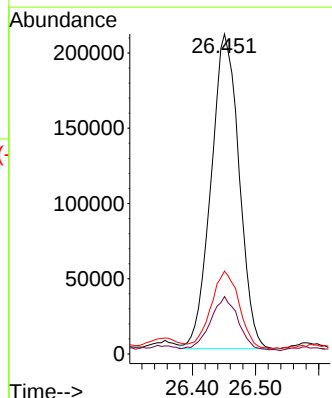
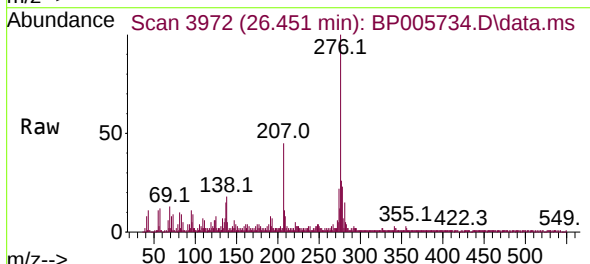
Instrument :
BNA_P
ClientSampleId :
18-B7(0-2)

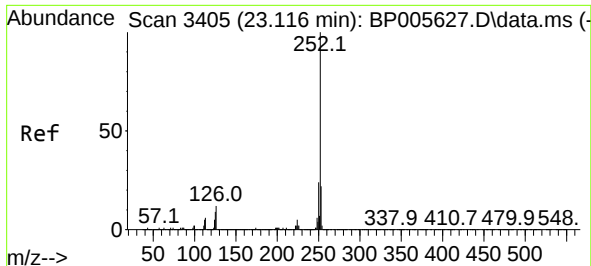
Tgt Ion:264 Resp: 957452
Ion Ratio Lower Upper
264 100
260 24.1 20.6 30.8
265 22.7 19.0 28.6



#87
Indeno(1,2,3-cd)pyrene
Concen: 7.93 ng
RT: 26.451 min Scan# 3972
Delta R.T. 0.018 min
Lab File: BP005734.D
Acq: 05 Jun 2021 03:55

Tgt Ion:276 Resp: 645858
Ion Ratio Lower Upper
276 100
138 17.4 8.4 12.6#
277 24.9 20.6 31.0

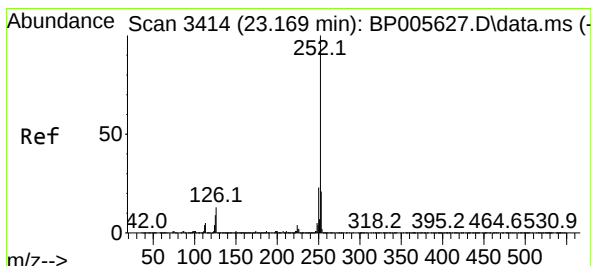
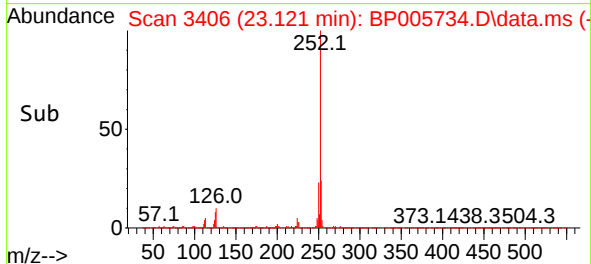
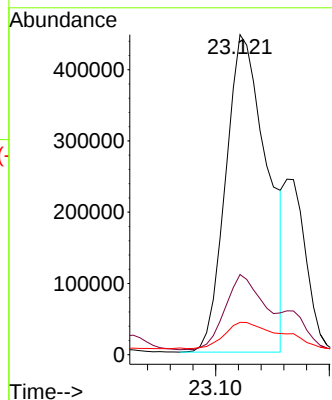
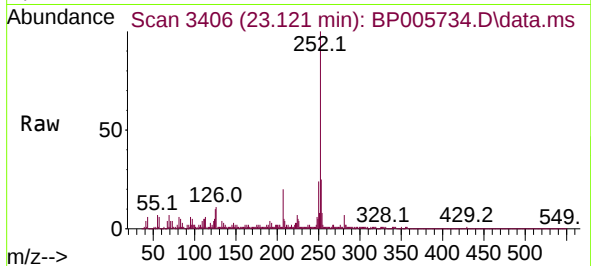




#88
Benzo(b)fluoranthene
Concen: 16.21 ng
RT: 23.121 min Scan# 3406
Delta R.T. 0.006 min
Lab File: BP005734.D
Acq: 05 Jun 2021 03:55

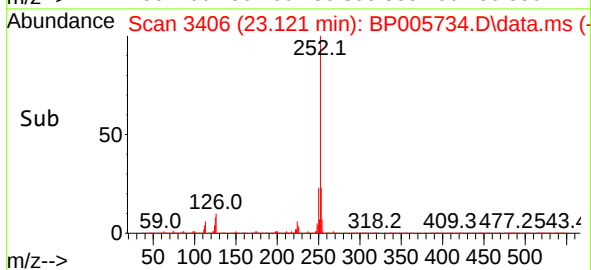
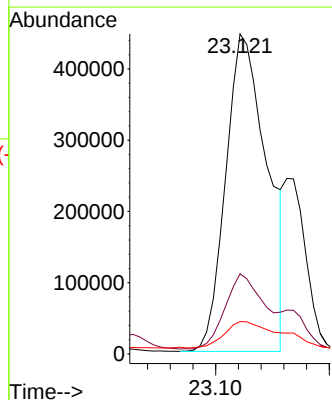
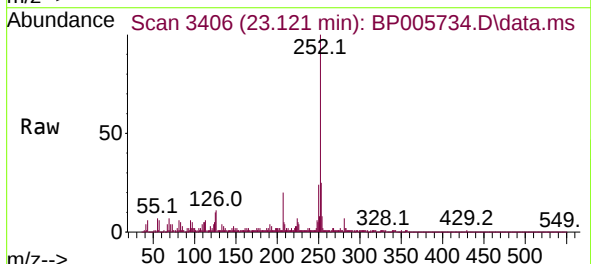
Instrument :
BNA_P
ClientSampleId :
18-B7(0-2)

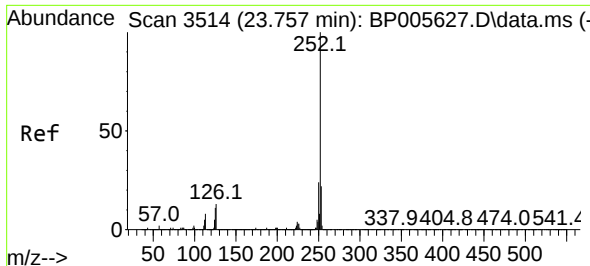
Tgt Ion:252 Resp: 1126305
Ion Ratio Lower Upper
252 100
253 25.0 18.2 27.2
125 10.1 3.4 5.0#



#89
Benzo(k)fluoranthene
Concen: 17.11 ng
RT: 23.121 min Scan# 3406
Delta R.T. -0.047 min
Lab File: BP005734.D
Acq: 05 Jun 2021 03:55

Tgt Ion:252 Resp: 1126305
Ion Ratio Lower Upper
252 100
253 25.0 17.2 25.8
125 10.1 3.8 5.6#

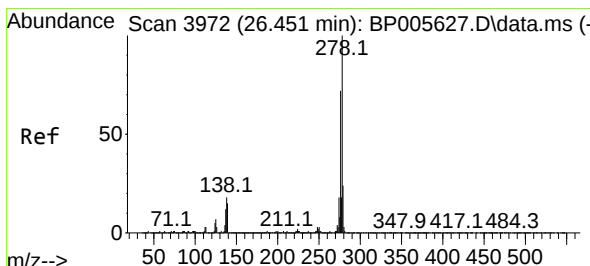
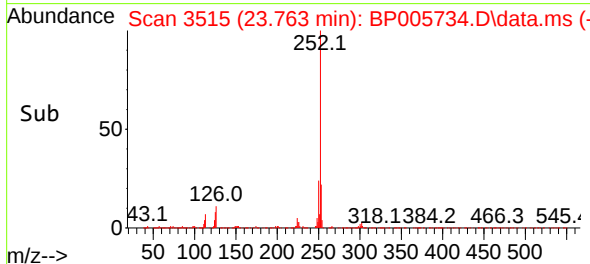
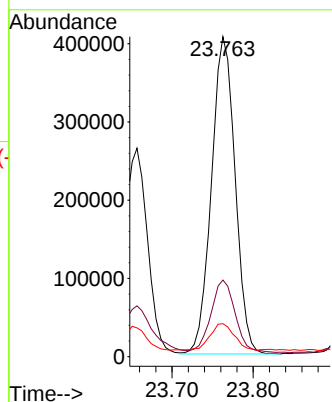
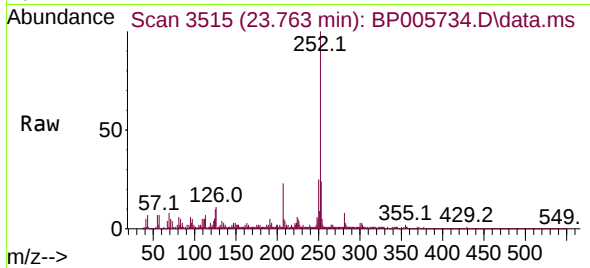




#90
Benzo(a)pyrene
Concen: 13.00 ng
RT: 23.763 min Scan# 3515
Delta R.T. 0.006 min
Lab File: BP005734.D
Acq: 05 Jun 2021 03:55

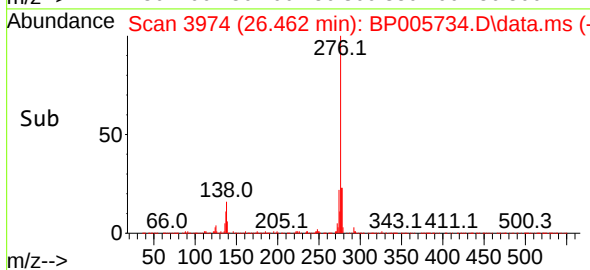
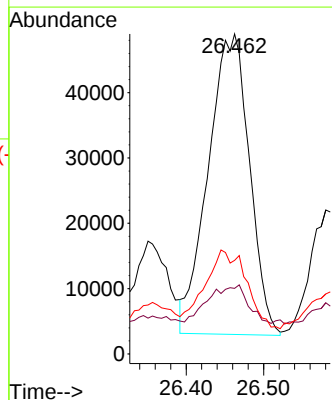
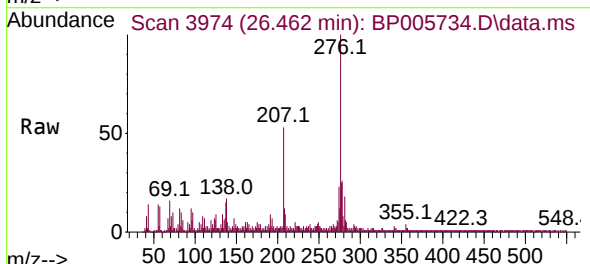
Instrument :
BNA_P
ClientSampleId :
18-B7(0-2)

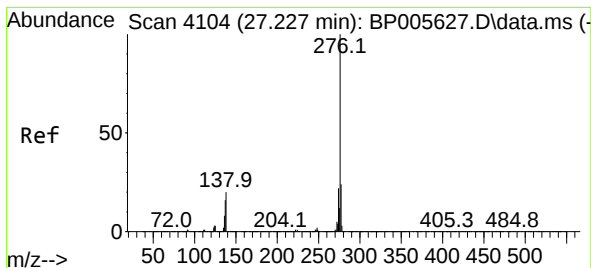
Tgt Ion:252 Resp: 821553
Ion Ratio Lower Upper
252 100
253 24.0 17.1 25.7
125 10.3 3.8 5.6#



#91
Dibenzo(a,h)anthracene
Concen: 2.40 ng
RT: 26.462 min Scan# 3974
Delta R.T. 0.012 min
Lab File: BP005734.D
Acq: 05 Jun 2021 03:55

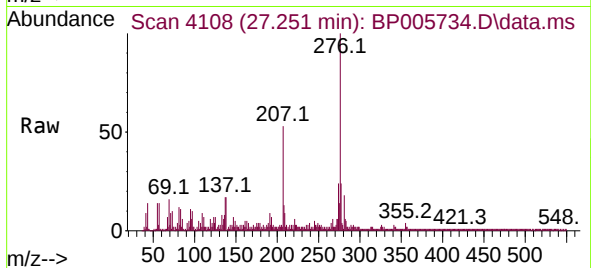
Tgt Ion:278 Resp: 169808
Ion Ratio Lower Upper
278 100
139 20.5 5.0 7.6#
279 29.2 18.6 28.0#





#92
Benzo(g,h,i)perylene
Concen: 9.30 ng
RT: 27.251 min Scan# 4108
Delta R.T. 0.023 min
Lab File: BP005734.D
Acq: 05 Jun 2021 03:55

Instrument :
BNA_P
ClientSampleId :
18-B7(0-2)



Tgt Ion:276 Resp: 634390
Ion Ratio Lower Upper
276 100
277 24.4 19.8 29.8
138 17.0 7.7 11.5#

