

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060421\
 Data File : BP005725.D
 Acq On : 04 Jun 2021 22:50
 Operator : CG/JU
 Sample : M2589-19 2X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 18-B12(2-4)

Quant Time: Jun 05 02:33:44 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)

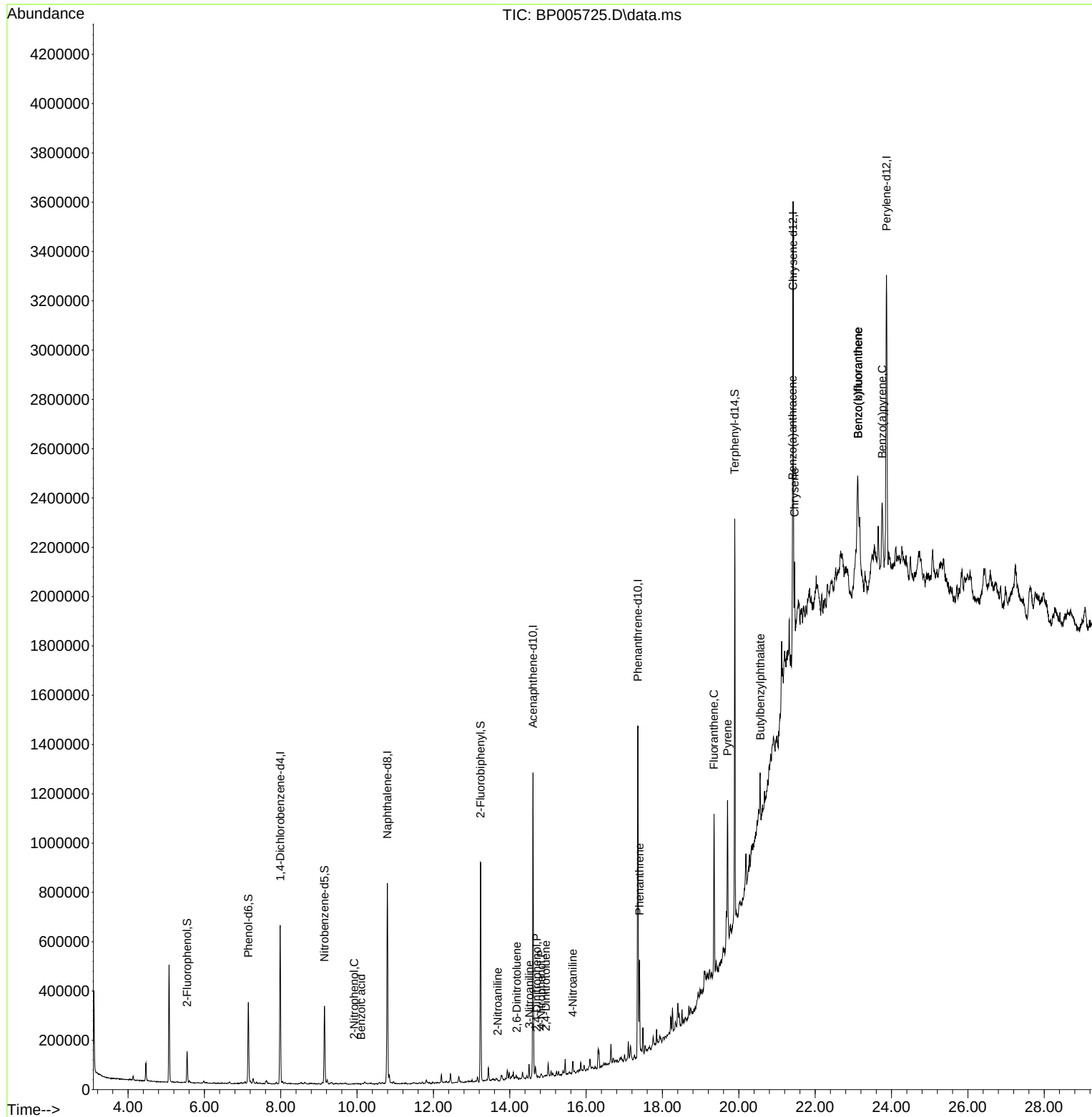
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.987	152	171988	20.00	ng	0.00
21) Naphthalene-d8	10.793	136	669980	20.00	ng	0.00
39) Acenaphthene-d10	14.610	164	414123	20.00	ng	0.00
64) Phenanthrene-d10	17.357	188	850122	20.00	ng	# 0.00
76) Chrysene-d12	21.421	240	860264	20.00	ng	# 0.00
86) Perylene-d12	23.868	264	991502	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.546	112	59289	5.36	ng	0.00
7) Phenol-d6	7.152	99	193762	12.85	ng	0.00
23) Nitrobenzene-d5	9.146	82	187023	15.52	ng	0.00
42) 2,4,6-Tribromophenol	16.098	330	5635	1.06	ng	0.00
45) 2-Fluorobiphenyl	13.234	172	465374	14.87	ng	0.00
79) Terphenyl-d14	19.892	244	723124	15.77	ng	0.00
Target Compounds						
						Qvalue
26) 2-Nitrophenol	9.922	139	71	4.17	ng	# 1
32) Benzoic acid	10.104	122	136	5.04	ng	# 1
48) 2-Nitroaniline	13.681	65	155	4.51	ng	# 79
51) 2,6-Dinitrotoluene	14.181	165	152	5.08	ng	# 40
53) 3-Nitroaniline	14.516	138	353	3.70	ng	# 59
54) 2,4-Dinitrophenol	14.710	184	79	6.55	ng	# 1
56) 4-Nitrophenol	14.828	139	848	3.88	ng	# 52
57) 2,4-Dinitrotoluene	14.945	165	516	4.31	ng	# 33
62) 4-Nitroaniline	15.651	138	455	3.69	ng	# 41
71) Phenanthrene	17.398	178	236437	4.46	ng	99
75) Fluoranthene	19.351	202	378523	5.95	ng	96
78) Pyrene	19.704	202	346060	5.70	ng	98
80) Butylbenzylphthalate	20.563	149	2946	4.24	ng	# 56
81) Benzo(a)anthracene	21.404	228	181744	2.88	ng	# 93
83) Chrysene	21.457	228	176597	2.89	ng	# 93
88) Benzo(b)fluoranthene	23.121	252	245265	3.41	ng	# 84
89) Benzo(k)fluoranthene	23.121	252	245265	3.60	ng	# 82
90) Benzo(a)pyrene	23.757	252	183660	2.81	ng	# 78

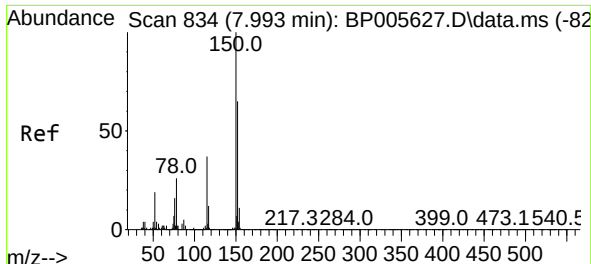
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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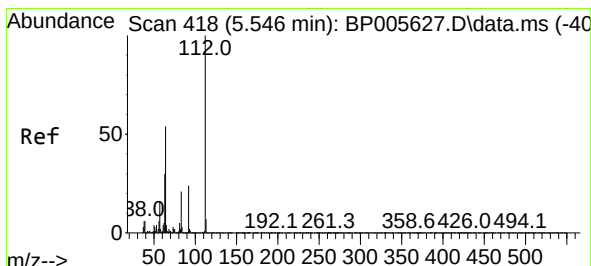
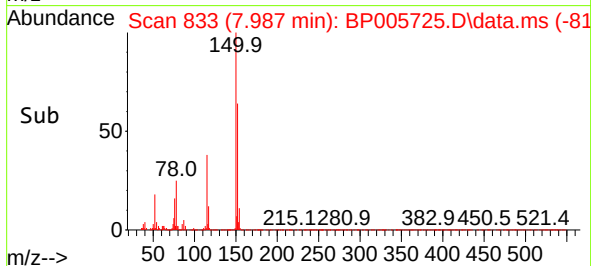
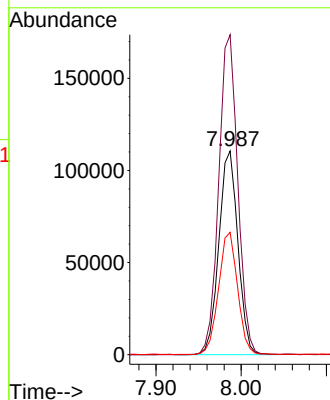
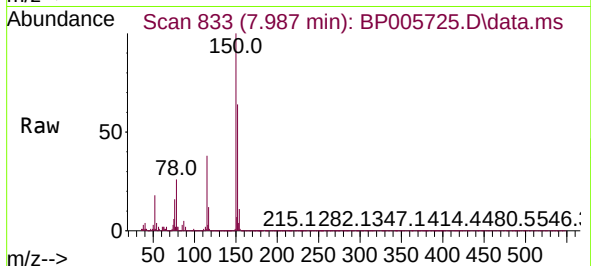




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.987 min Scan# 833
Delta R.T. -0.006 min
Lab File: BP005725.D
Acq: 04 Jun 2021 22:50

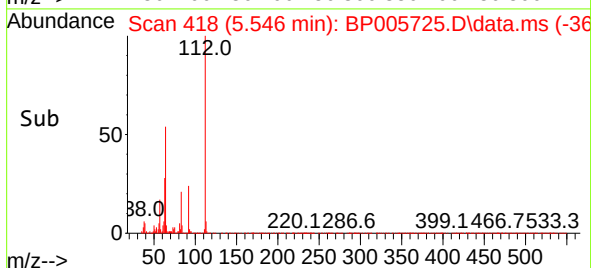
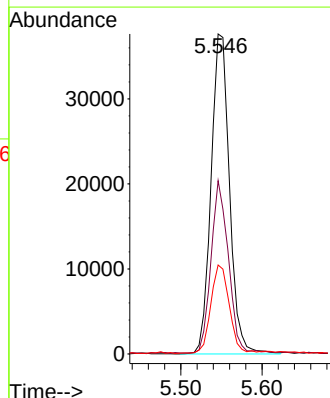
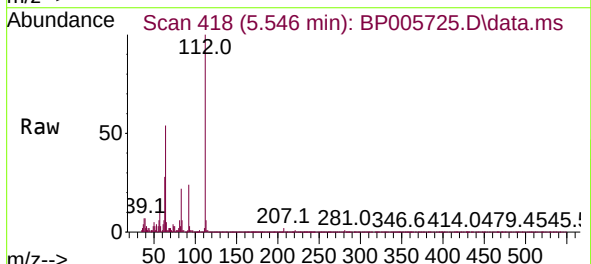
Instrument :
BNA_P
ClientSampleId :
18-B12(2-4)

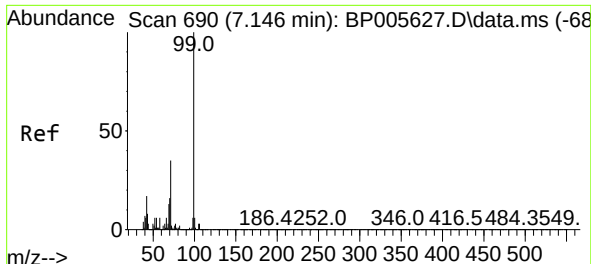
Tgt Ion:152 Resp: 171988
Ion Ratio Lower Upper
152 100
150 157.1 119.8 179.8
115 60.1 49.0 73.4



#5
2-Fluorophenol
Concen: 5.36 ng
RT: 5.546 min Scan# 418
Delta R.T. -0.000 min
Lab File: BP005725.D
Acq: 04 Jun 2021 22:50

Tgt Ion:112 Resp: 59289
Ion Ratio Lower Upper
112 100
64 54.2 33.6 50.4#
63 27.8 18.6 27.8

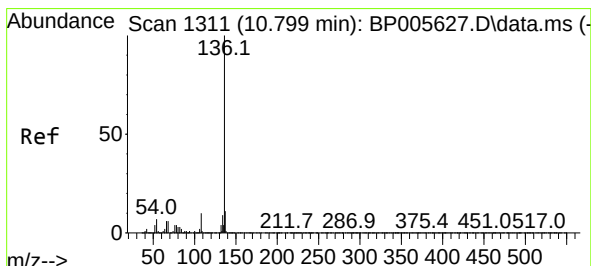
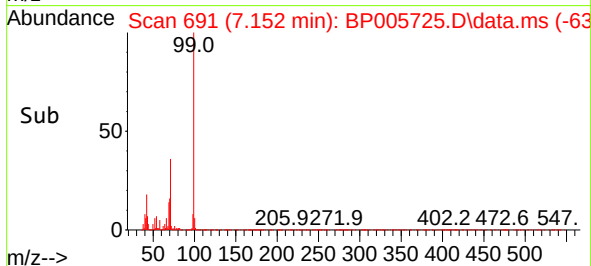
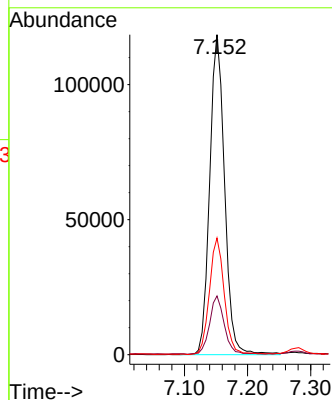
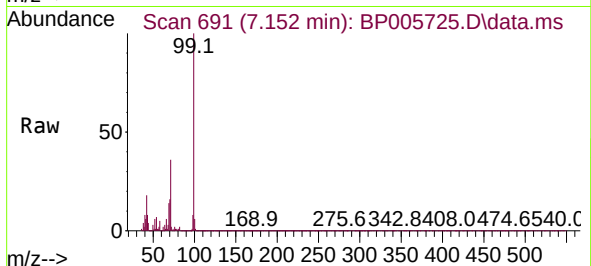




#7
Phenol-d6
Concen: 12.85 ng
RT: 7.152 min Scan# 691
Delta R.T. 0.006 min
Lab File: BP005725.D
Acq: 04 Jun 2021 22:50

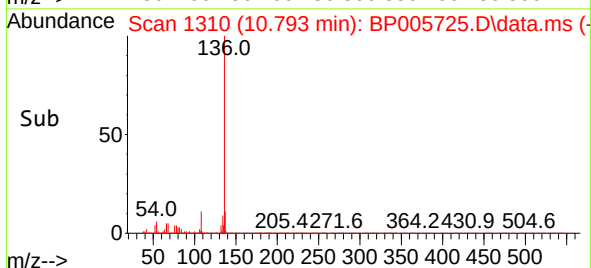
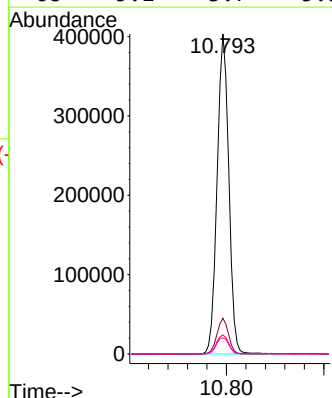
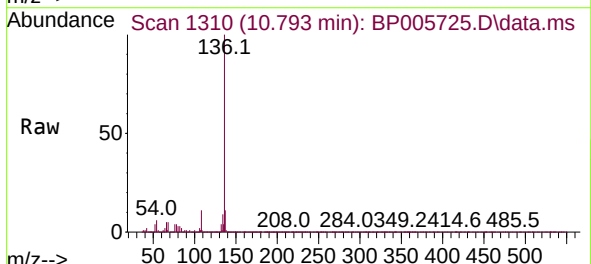
Instrument :
BNA_P
ClientSampleId :
18-B12(2-4)

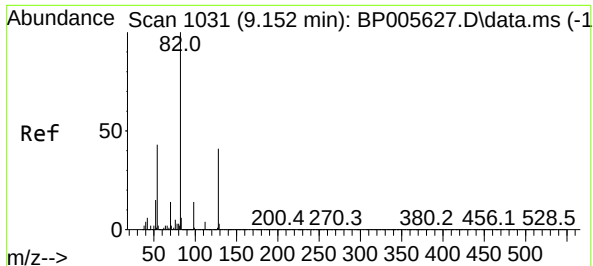
Tgt Ion: 99 Resp: 193762
Ion Ratio Lower Upper
99 100
42 18.4 12.9 19.3
71 36.4 26.7 40.1



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.793 min Scan# 1310
Delta R.T. -0.006 min
Lab File: BP005725.D
Acq: 04 Jun 2021 22:50

Tgt Ion:136 Resp: 669980
Ion Ratio Lower Upper
136 100
137 11.2 8.9 13.3
54 6.0 5.0 7.4
68 5.1 3.7 5.5

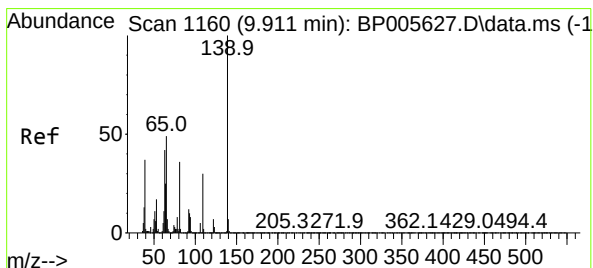
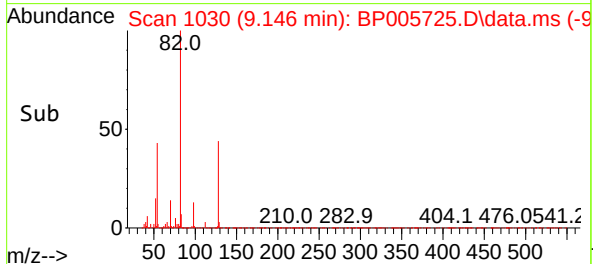
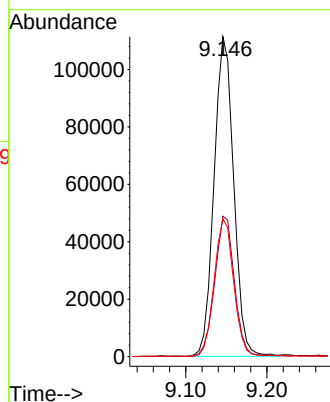
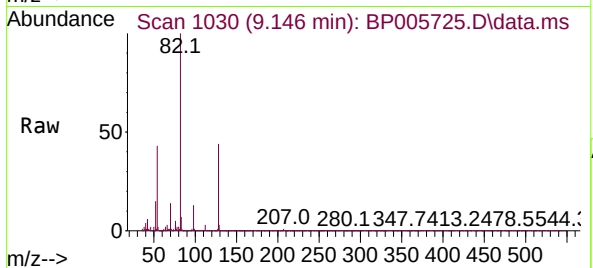




#23
Nitrobenzene-d5
Concen: 15.52 ng
RT: 9.146 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BP005725.D
Acq: 04 Jun 2021 22:50

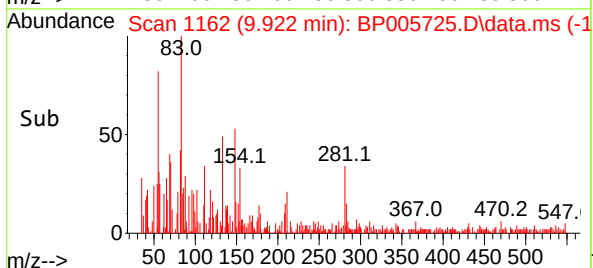
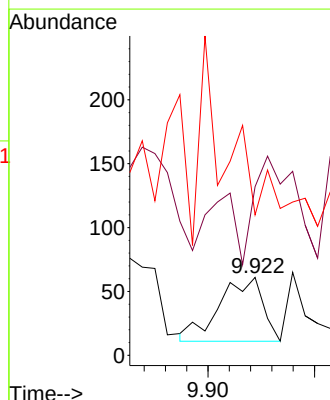
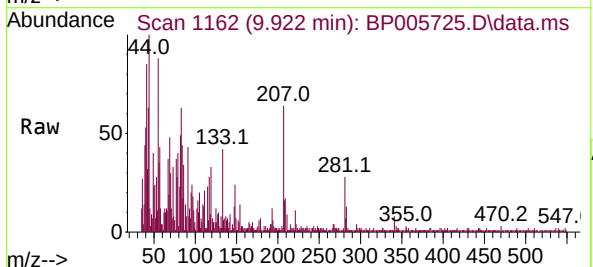
Instrument :
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ClientSampleId :
18-B12(2-4)

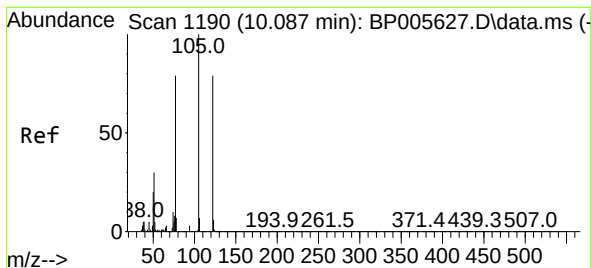
Tgt Ion: 82 Resp: 187023
Ion Ratio Lower Upper
82 100
128 43.9 30.5 45.7
54 43.1 33.9 50.9



#26
2-Nitrophenol
Concen: 4.17 ng
RT: 9.922 min Scan# 1162
Delta R.T. 0.011 min
Lab File: BP005725.D
Acq: 04 Jun 2021 22:50

Tgt Ion: 139 Resp: 71
Ion Ratio Lower Upper
139 100
109 216.4 40.7 61.1#
65 180.3 47.8 71.6#

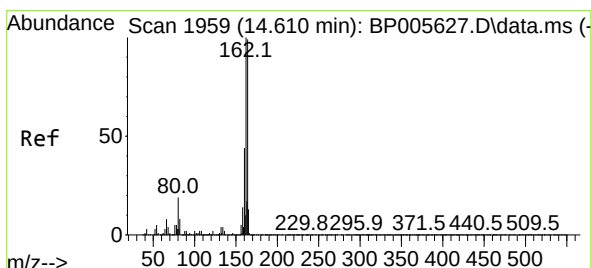
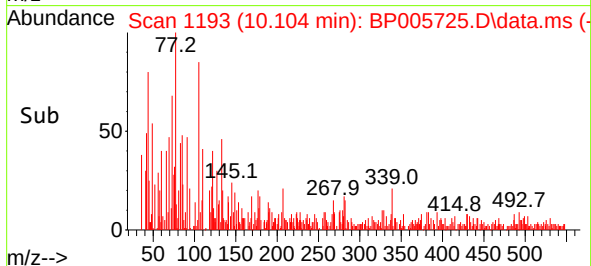
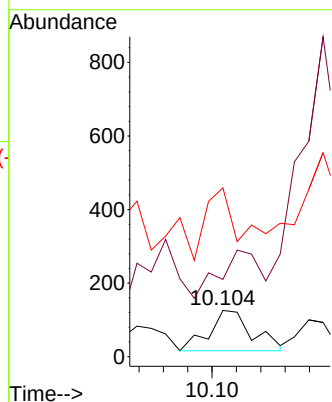
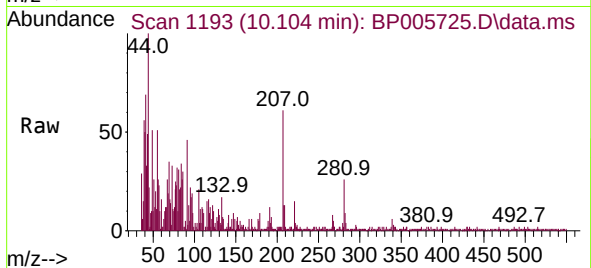




#32
Benzoic acid
Concen: 5.04 ng
RT: 10.104 min Scan# 1193
Delta R.T. 0.017 min
Lab File: BP005725.D
Acq: 04 Jun 2021 22:50

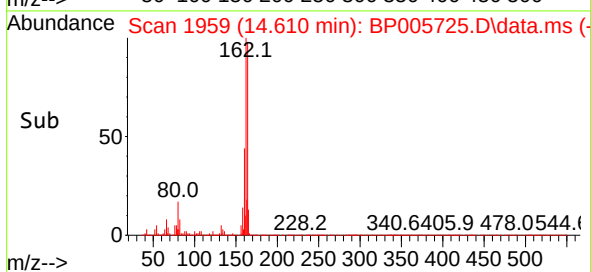
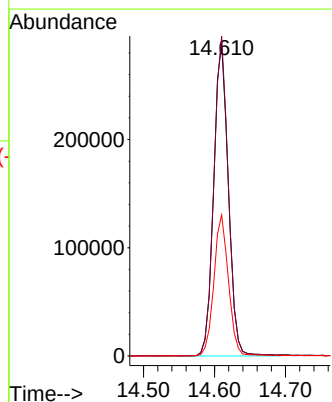
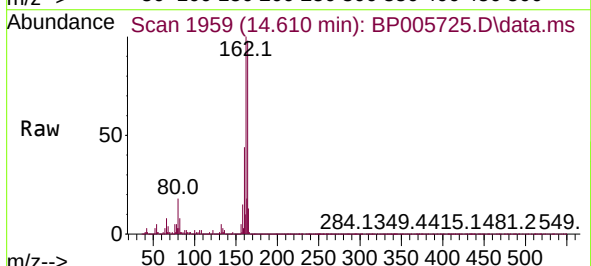
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18-B12(2-4)

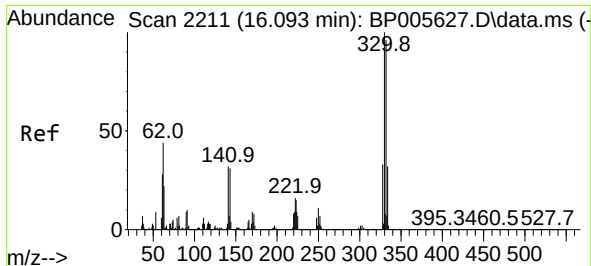
Tgt Ion:122 Resp: 136
Ion Ratio Lower Upper
122 100
105 166.7 105.1 145.1#
77 364.3 69.6 109.6#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.610 min Scan# 1959
Delta R.T. 0.000 min
Lab File: BP005725.D
Acq: 04 Jun 2021 22:50

Tgt Ion:164 Resp: 414123
Ion Ratio Lower Upper
164 100
162 102.4 73.5 110.3
160 45.1 40.6 61.0

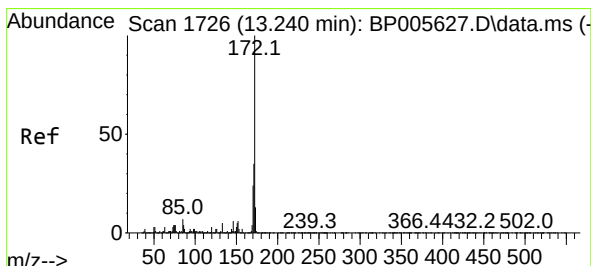
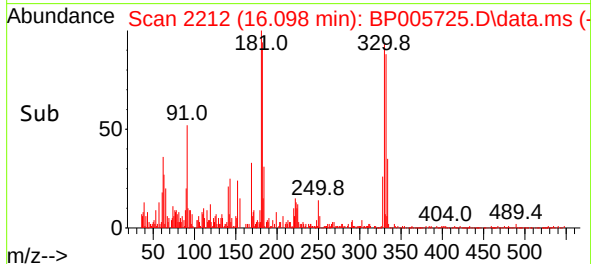
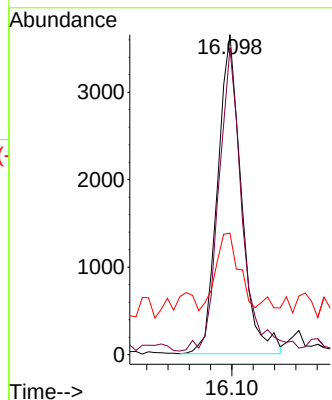
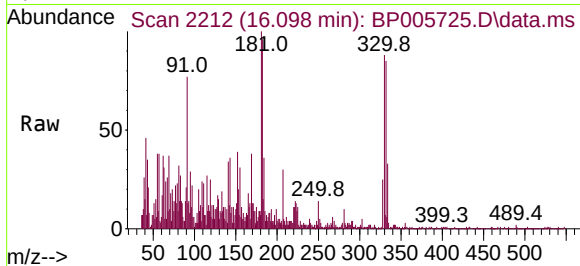




#42
2,4,6-Tribromophenol
Concen: 1.06 ng
RT: 16.098 min Scan# 2212
Delta R.T. 0.006 min
Lab File: BP005725.D
Acq: 04 Jun 2021 22:50

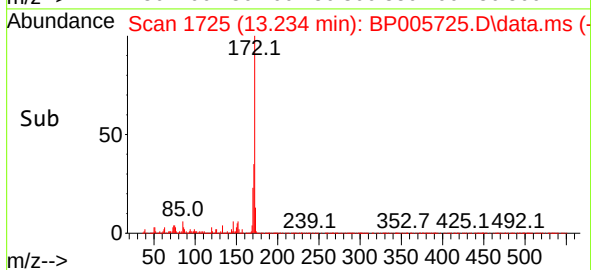
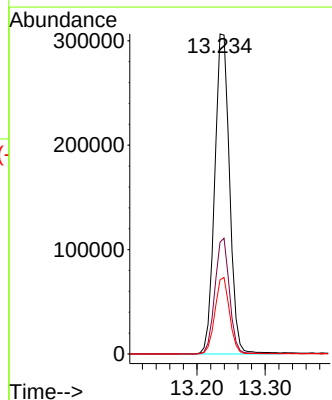
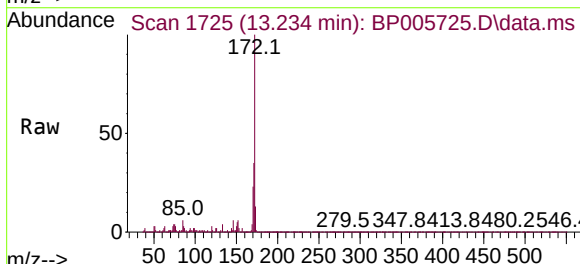
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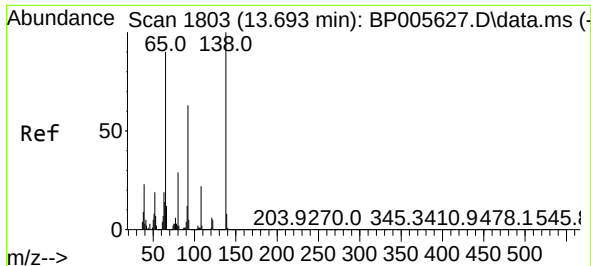
Tgt Ion:330 Resp: 5635
Ion Ratio Lower Upper
330 100
332 93.6 76.3 114.5
141 23.4 22.8 34.2



#45
2-Fluorobiphenyl
Concen: 14.87 ng
RT: 13.234 min Scan# 1725
Delta R.T. -0.006 min
Lab File: BP005725.D
Acq: 04 Jun 2021 22:50

Tgt Ion:172 Resp: 465374
Ion Ratio Lower Upper
172 100
171 35.0 28.1 42.1
170 23.1 19.6 29.4

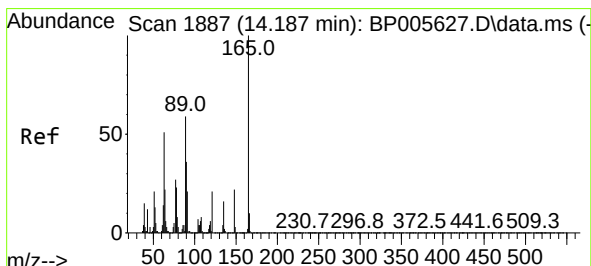
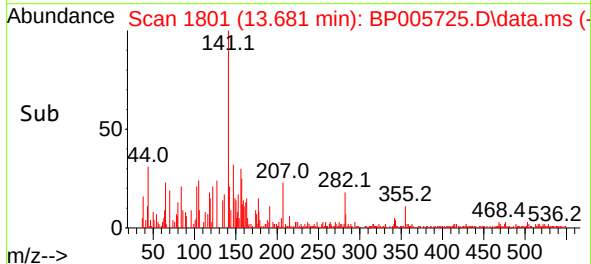
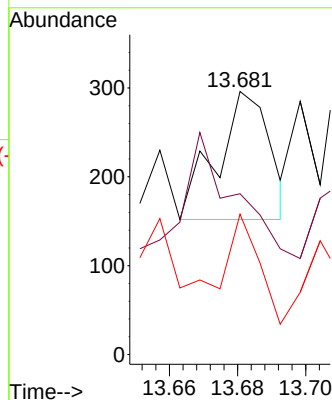
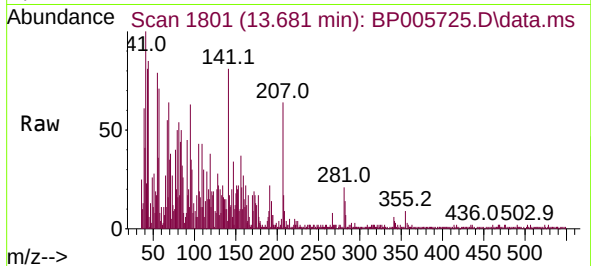




#48
2-Nitroaniline
Concen: 4.51 ng
RT: 13.681 min Scan# 1801
Delta R.T. -0.012 min
Lab File: BP005725.D
Acq: 04 Jun 2021 22:50

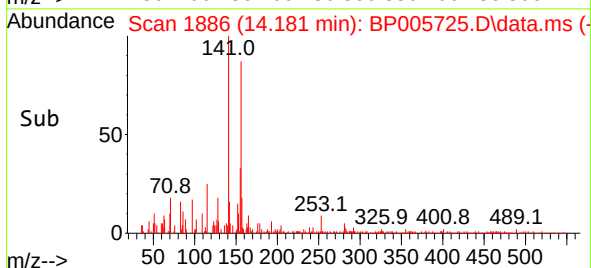
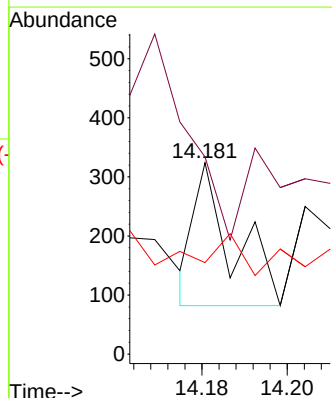
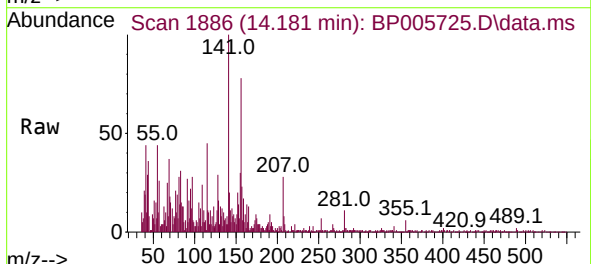
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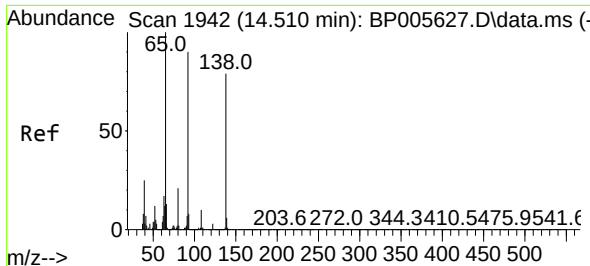
Tgt Ion:	65	Resp:	155
Ion Ratio	Lower	Upper	
65	100		
92	61.1	48.8	73.2
138	53.4	69.5	104.3#



#51
2,6-Dinitrotoluene
Concen: 5.08 ng
RT: 14.181 min Scan# 1886
Delta R.T. -0.006 min
Lab File: BP005725.D
Acq: 04 Jun 2021 22:50

Tgt Ion:	165	Resp:	152
Ion Ratio	Lower	Upper	
165	100		
63	151.9	67.4	101.0#
89	47.8	73.8	110.6#

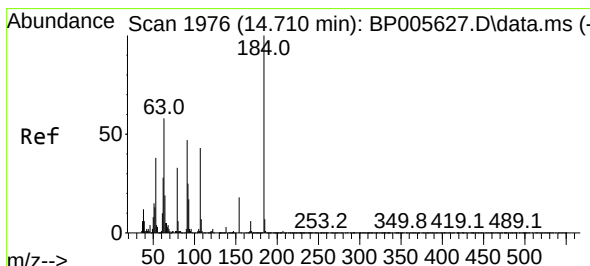
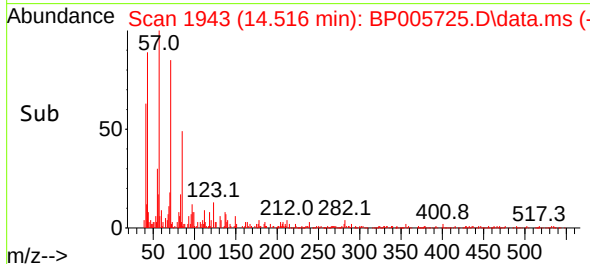
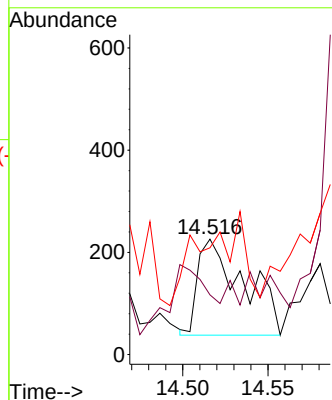
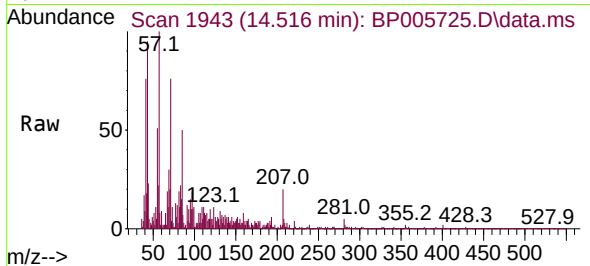




#53
3-Nitroaniline
Concen: 3.70 ng
RT: 14.516 min Scan# 1943
Delta R.T. 0.006 min
Lab File: BP005725.D
Acq: 04 Jun 2021 22:50

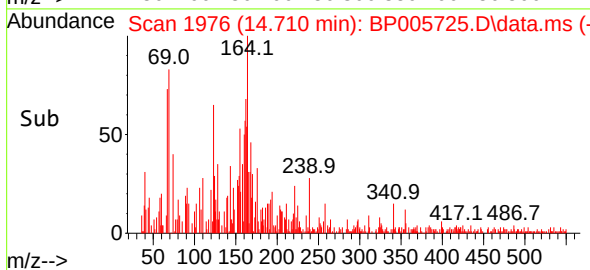
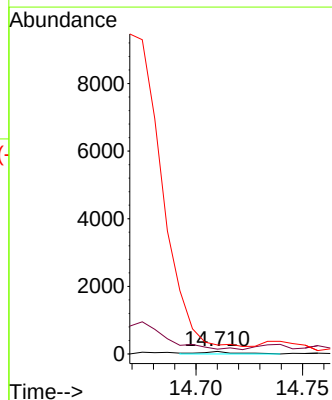
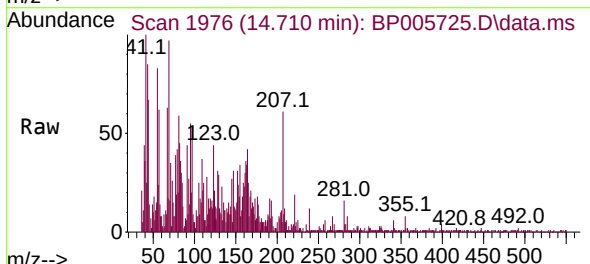
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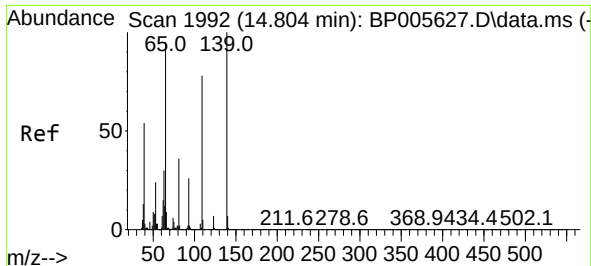
Tgt Ion:138 Resp: 353
Ion Ratio Lower Upper
138 100
108 51.8 10.2 15.4#
92 92.5 108.1 162.1#



#54
2,4-Dinitrophenol
Concen: 6.55 ng
RT: 14.710 min Scan# 1976
Delta R.T. 0.000 min
Lab File: BP005725.D
Acq: 04 Jun 2021 22:50

Tgt Ion:184 Resp: 79
Ion Ratio Lower Upper
184 100
63 181.8 51.2 76.8#
154 342.9 55.8 83.8#

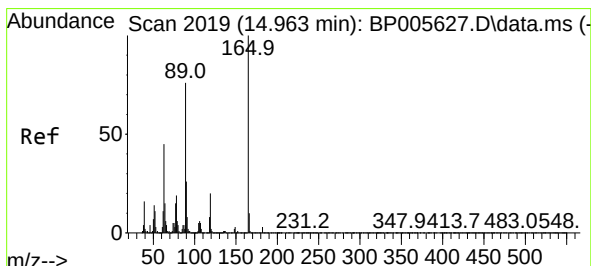
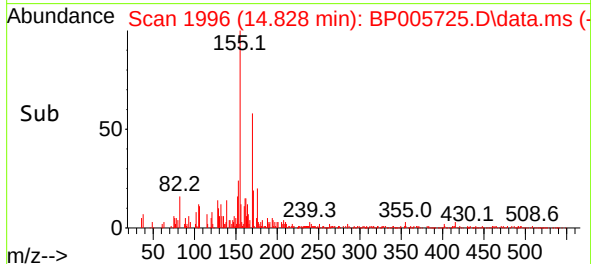
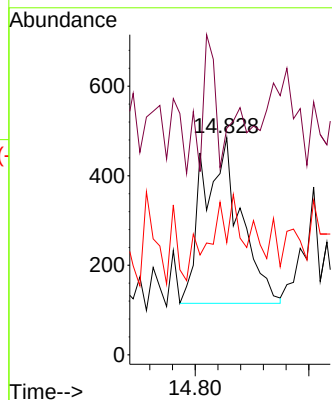
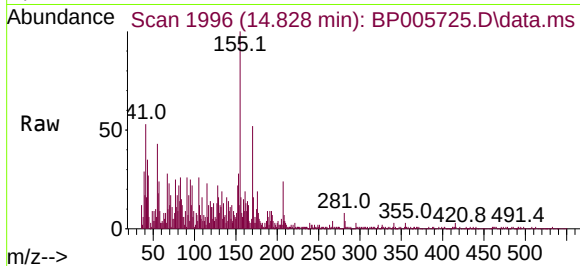




#56
4-Nitrophenol
Concen: 3.88 ng
RT: 14.828 min Scan# 1996
Delta R.T. 0.024 min
Lab File: BP005725.D
Acq: 04 Jun 2021 22:50

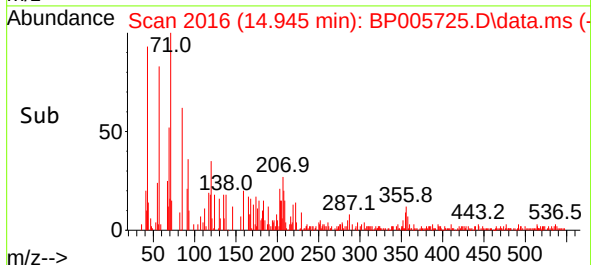
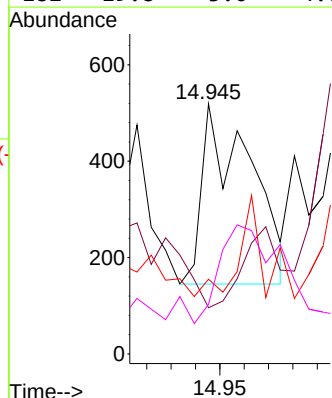
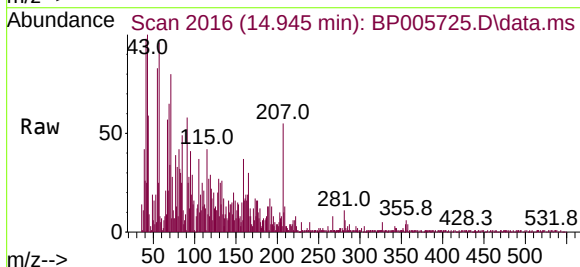
Instrument :
BNA_P
ClientSampleId :
18-B12(2-4)

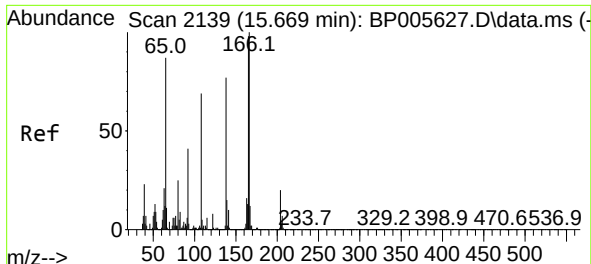
Tgt Ion:139 Resp: 848
Ion Ratio Lower Upper
139 100
109 104.3 122.8 162.8#
65 51.8 110.0 150.0#



#57
2,4-Dinitrotoluene
Concen: 4.31 ng
RT: 14.945 min Scan# 2016
Delta R.T. -0.018 min
Lab File: BP005725.D
Acq: 04 Jun 2021 22:50

Tgt Ion:165 Resp: 516
Ion Ratio Lower Upper
165 100
63 18.5 56.7 85.1#
89 34.1 85.8 128.6#
182 19.8 3.0 4.6#

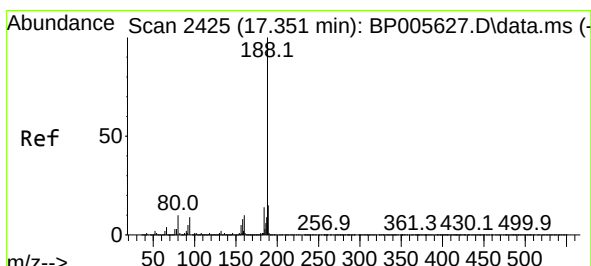
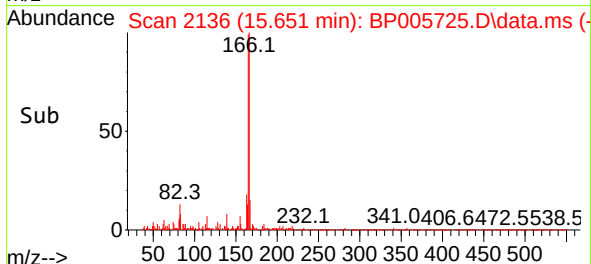
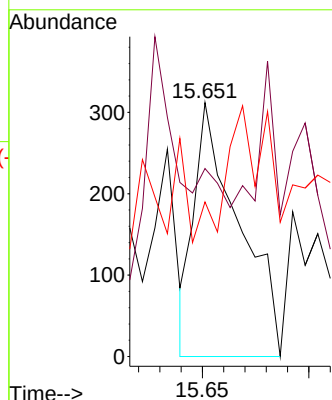
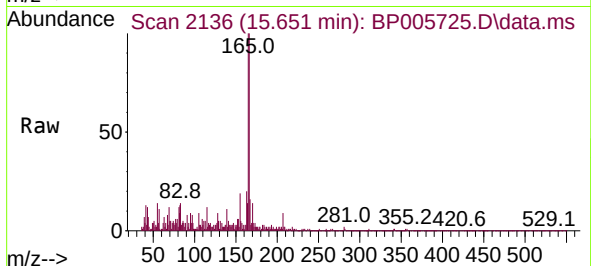




#62
4-Nitroaniline
Concen: 3.69 ng
RT: 15.651 min Scan# 2136
Delta R.T. -0.018 min
Lab File: BP005725.D
Acq: 04 Jun 2021 22:50

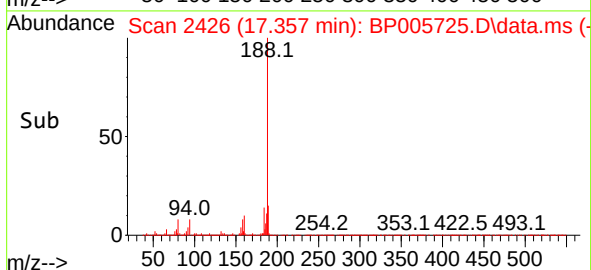
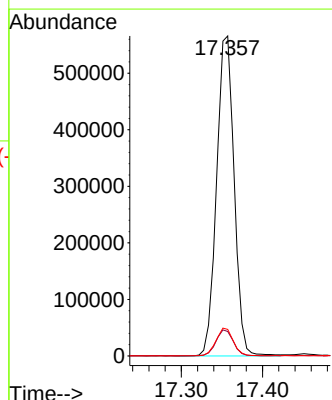
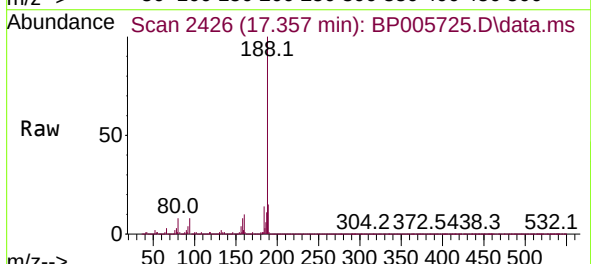
Instrument :
BNA_P
ClientSampleId :
18-B12(2-4)

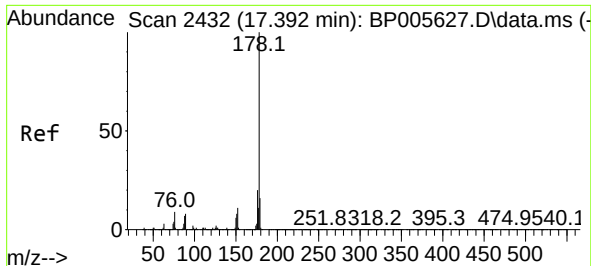
Tgt Ion:138 Resp: 455
Ion Ratio Lower Upper
138 100
92 74.0 50.9 90.9
108 60.9 154.7 194.7#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.357 min Scan# 2426
Delta R.T. 0.006 min
Lab File: BP005725.D
Acq: 04 Jun 2021 22:50

Tgt Ion:188 Resp: 850122
Ion Ratio Lower Upper
188 100
94 7.7 5.0 7.6#
80 8.3 5.9 8.9

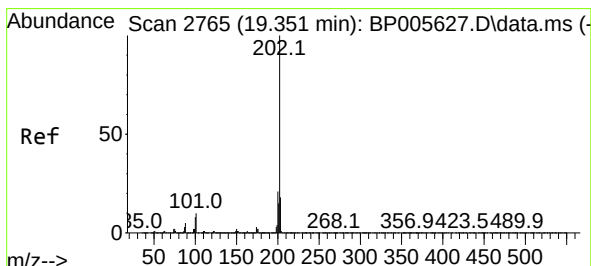
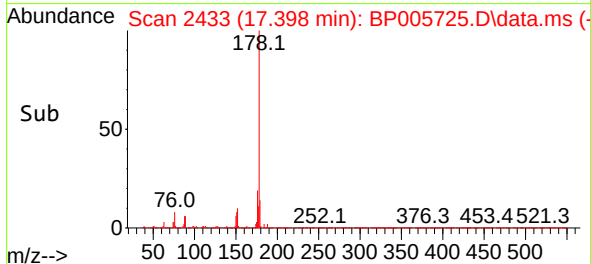
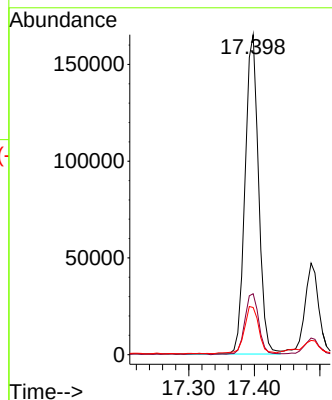
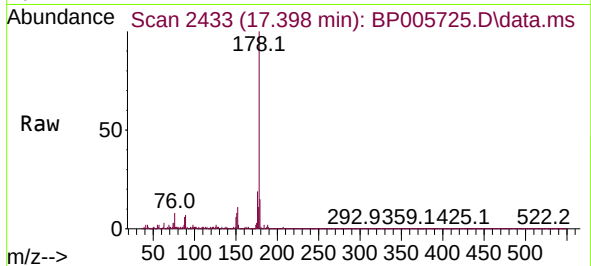




#71
Phenanthrene
Concen: 4.46 ng
RT: 17.398 min Scan# 2433
Delta R.T. 0.006 min
Lab File: BP005725.D
Acq: 04 Jun 2021 22:50

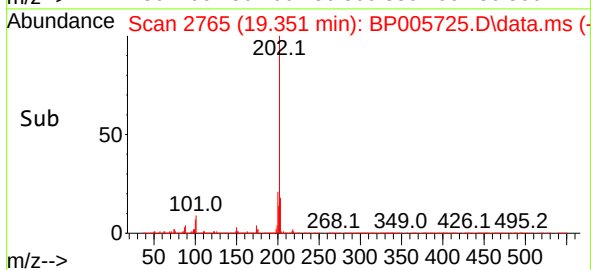
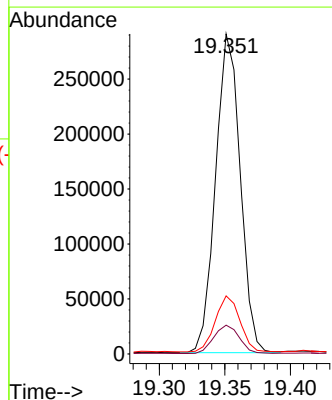
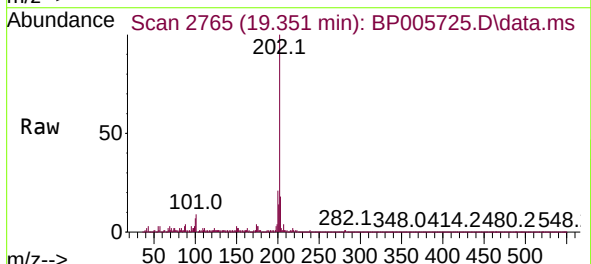
Instrument :
BNA_P
ClientSampleId :
18-B12(2-4)

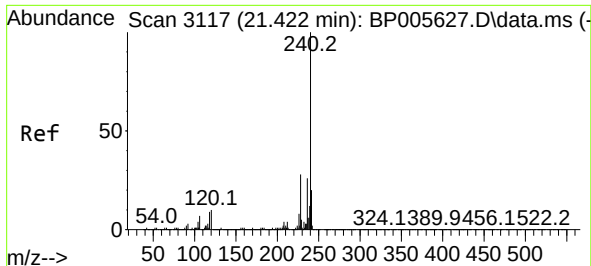
Tgt Ion:178 Resp: 236437
Ion Ratio Lower Upper
178 100
176 19.1 15.4 23.2
179 14.7 12.3 18.5



#75
Fluoranthene
Concen: 5.95 ng
RT: 19.351 min Scan# 2765
Delta R.T. -0.000 min
Lab File: BP005725.D
Acq: 04 Jun 2021 22:50

Tgt Ion:202 Resp: 378523
Ion Ratio Lower Upper
202 100
101 9.0 0.0 26.1
203 18.2 0.0 37.2

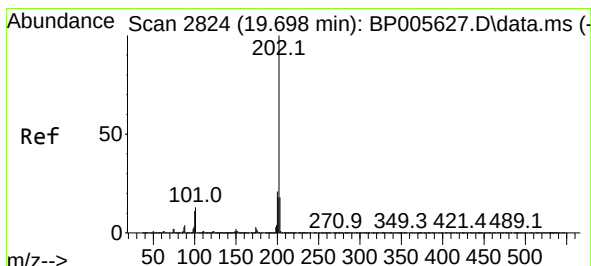
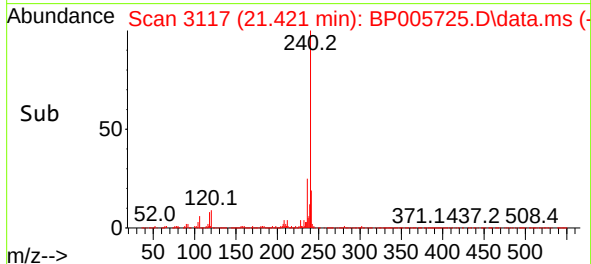
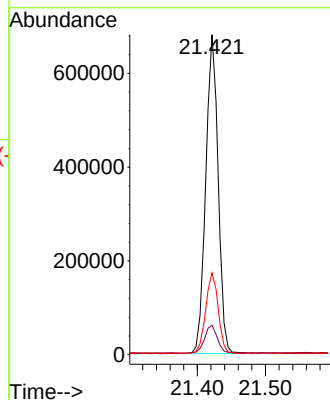
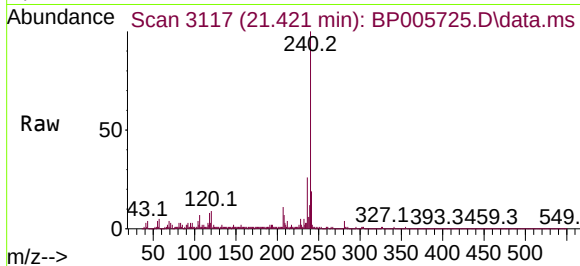




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.421 min Scan# 3117
Delta R.T. -0.001 min
Lab File: BP005725.D
Acq: 04 Jun 2021 22:50

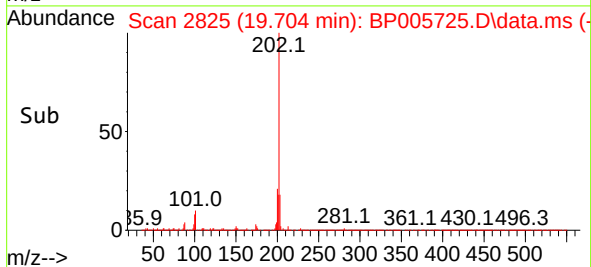
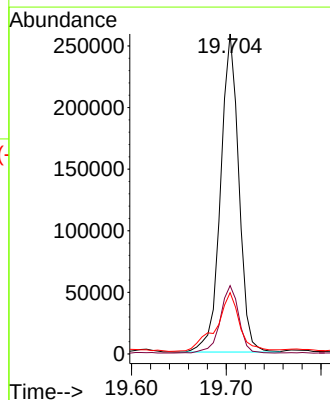
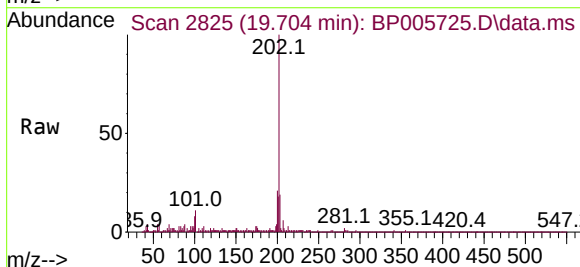
Instrument :
BNA_P
ClientSampleId :
18-B12(2-4)

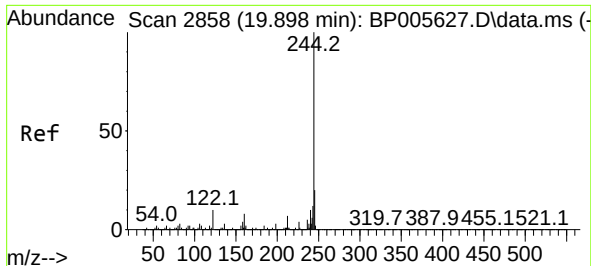
Tgt Ion:240 Resp: 860264
Ion Ratio Lower Upper
240 100
120 9.2 4.2 6.2#
236 25.6 20.2 30.2



#78
Pyrene
Concen: 5.70 ng
RT: 19.704 min Scan# 2825
Delta R.T. 0.006 min
Lab File: BP005725.D
Acq: 04 Jun 2021 22:50

Tgt Ion:202 Resp: 346060
Ion Ratio Lower Upper
202 100
200 21.3 16.9 25.3
203 19.2 13.8 20.6

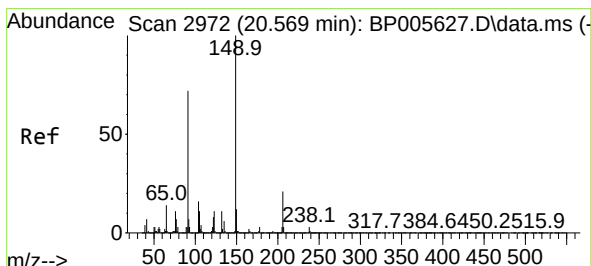
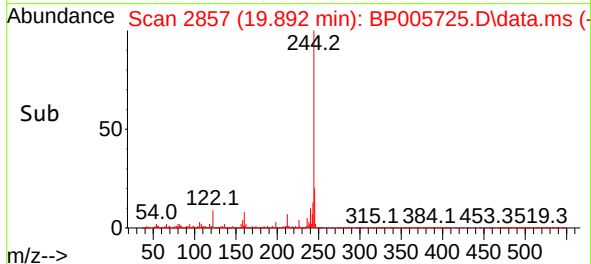
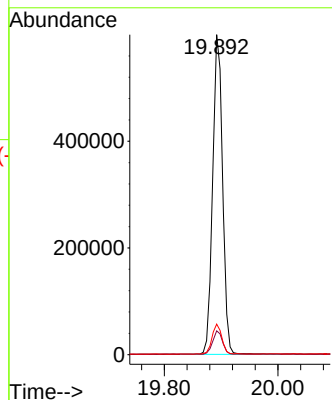
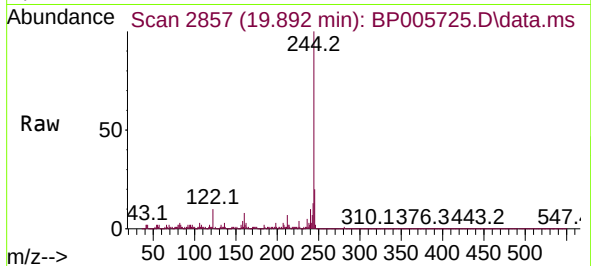




#79
 Terphenyl-d14
 Concen: 15.77 ng
 RT: 19.892 min Scan# 2857
 Delta R.T. -0.006 min
 Lab File: BP005725.D
 Acq: 04 Jun 2021 22:50

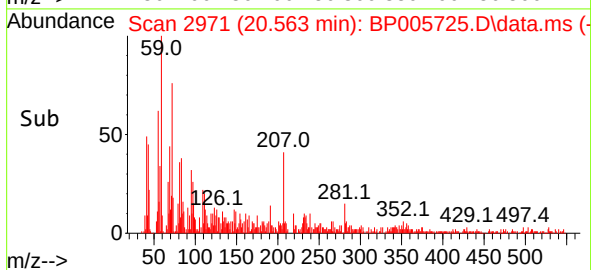
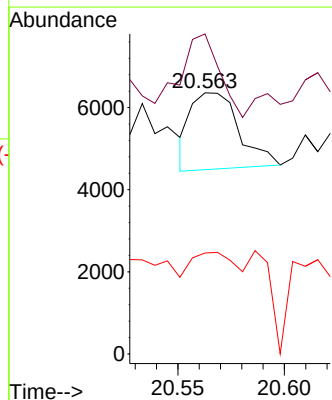
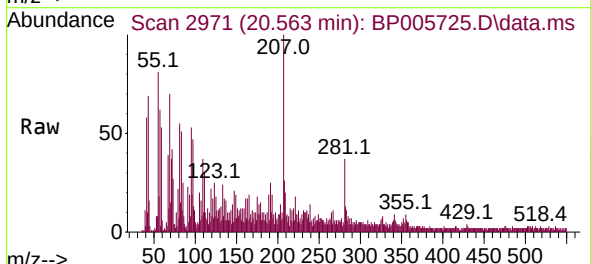
Instrument :
 BNA_P
 ClientSampleId :
 18-B12(2-4)

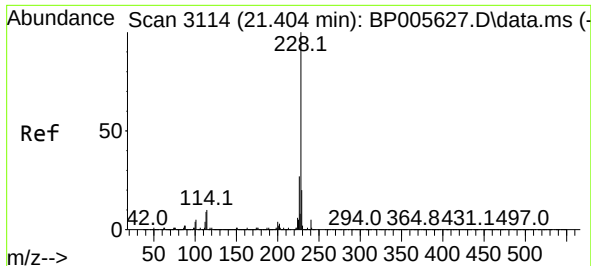
Tgt Ion:244	Resp:	723124
Ion Ratio	Lower	Upper
244	100	
212	7.4	5.8 8.6
122	9.6	5.2 7.8#



#80
 Butylbenzylphthalate
 Concen: 4.24 ng
 RT: 20.563 min Scan# 2971
 Delta R.T. -0.006 min
 Lab File: BP005725.D
 Acq: 04 Jun 2021 22:50

Tgt Ion:149	Resp:	2946
Ion Ratio	Lower	Upper
149	100	
91	122.5	60.2 90.4#
206	38.7	23.9 35.9#

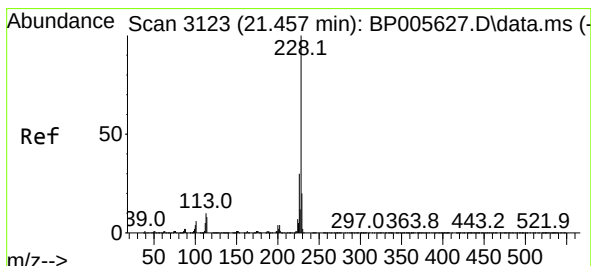
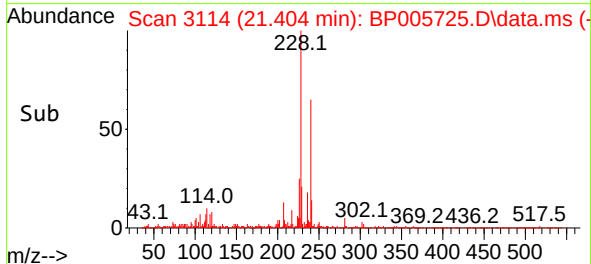
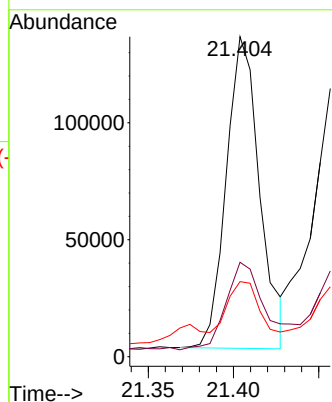
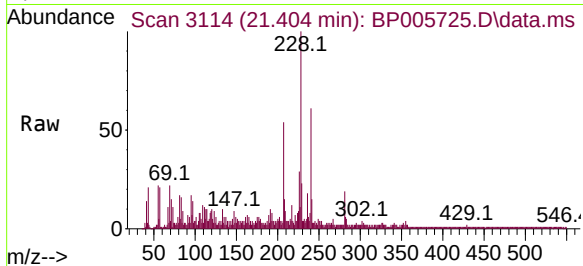




#81
Benzo(a)anthracene
Concen: 2.88 ng
RT: 21.404 min Scan# 3114
Delta R.T. -0.000 min
Lab File: BP005725.D
Acq: 04 Jun 2021 22:50

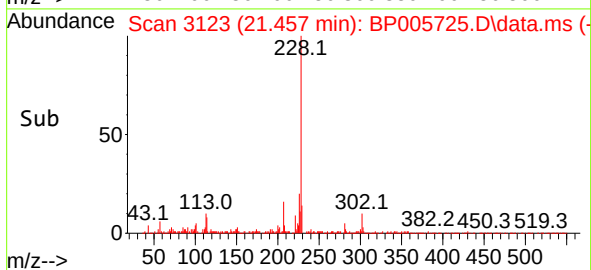
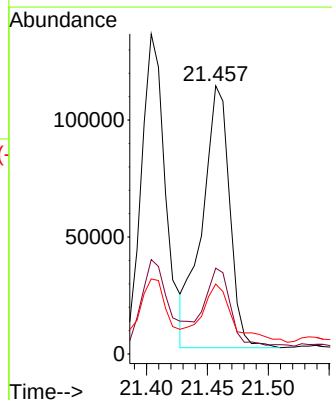
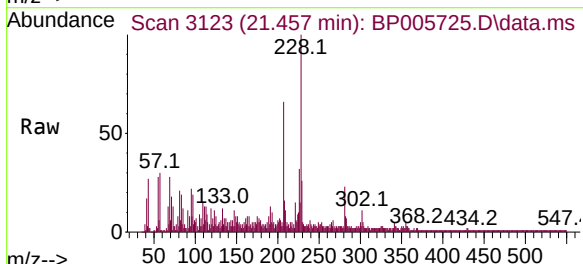
Instrument :
BNA_P
ClientSampleId :
18-B12(2-4)

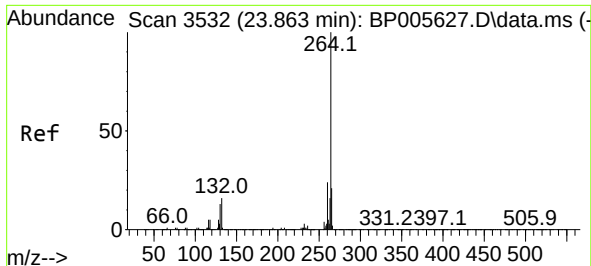
Tgt Ion:228 Resp: 181744
Ion Ratio Lower Upper
228 100
226 29.5 21.2 31.8
229 23.5 15.6 23.4#



#83
Chrysene
Concen: 2.89 ng
RT: 21.457 min Scan# 3123
Delta R.T. -0.000 min
Lab File: BP005725.D
Acq: 04 Jun 2021 22:50

Tgt Ion:228 Resp: 176597
Ion Ratio Lower Upper
228 100
226 32.0 24.8 37.2
229 26.1 15.4 23.0#

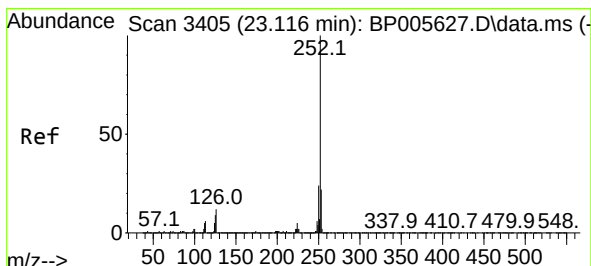
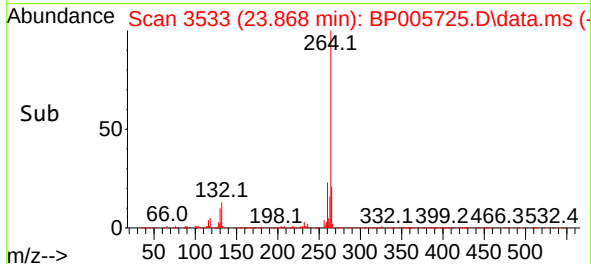
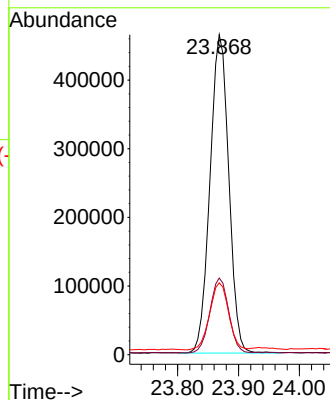
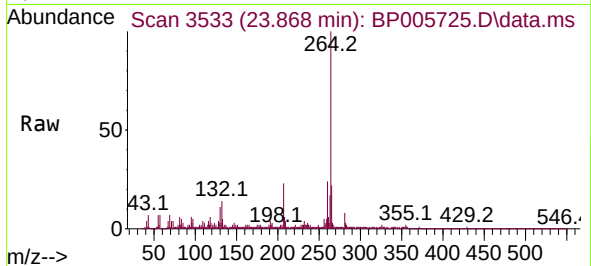




#86
Perylene-d12
Concen: 20.00 ng
RT: 23.868 min Scan# 3533
Delta R.T. 0.006 min
Lab File: BP005725.D
Acq: 04 Jun 2021 22:50

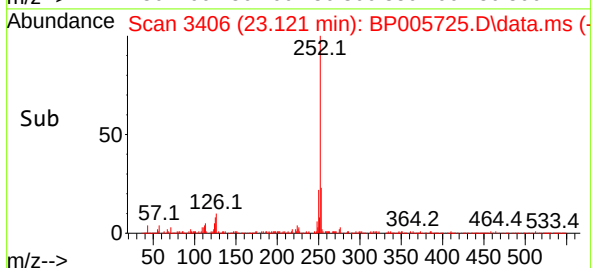
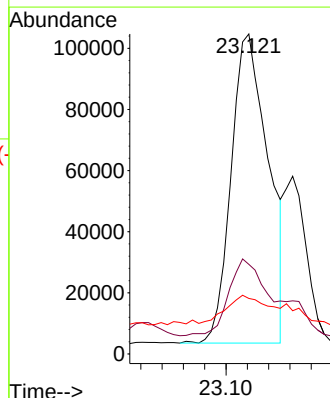
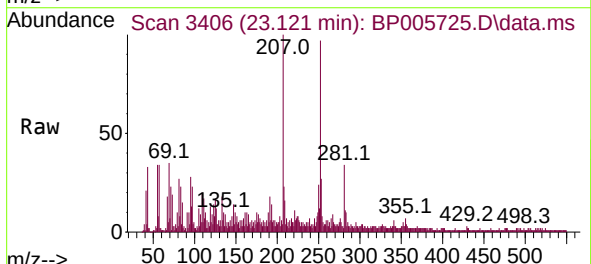
Instrument :
BNA_P
ClientSampleId :
18-B12(2-4)

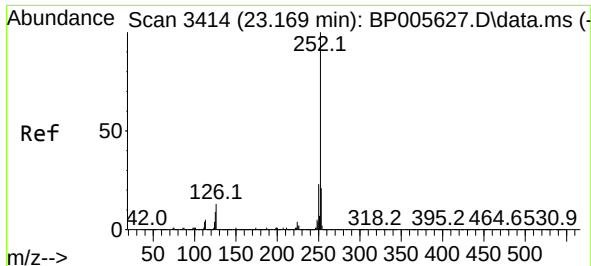
Tgt Ion:264 Resp: 991502
Ion Ratio Lower Upper
264 100
260 24.0 20.6 30.8
265 22.5 19.0 28.6



#88
Benzo(b)fluoranthene
Concen: 3.41 ng
RT: 23.121 min Scan# 3406
Delta R.T. 0.006 min
Lab File: BP005725.D
Acq: 04 Jun 2021 22:50

Tgt Ion:252 Resp: 245265
Ion Ratio Lower Upper
252 100
253 28.0 18.2 27.2#
125 17.4 3.4 5.0#

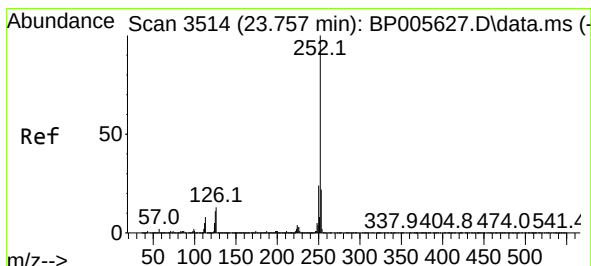
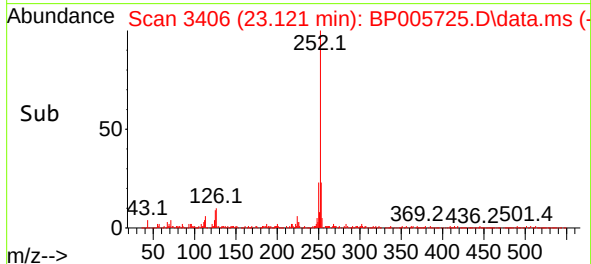
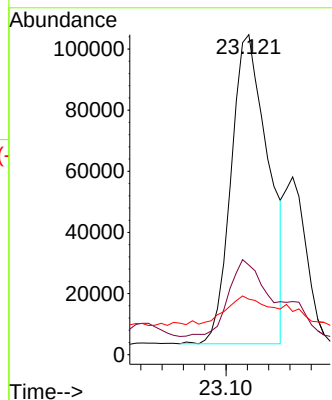
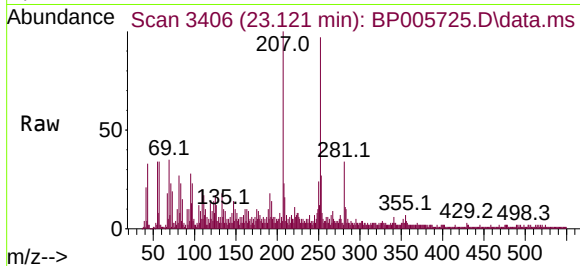




#89
Benzo(k)fluoranthene
Concen: 3.60 ng
RT: 23.121 min Scan# 3406
Delta R.T. -0.047 min
Lab File: BP005725.D
Acq: 04 Jun 2021 22:50

Instrument :
BNA_P
ClientSampleId :
18-B12(2-4)

Tgt Ion:252 Resp: 245265
Ion Ratio Lower Upper
252 100
253 28.0 17.2 25.8#
125 17.4 3.8 5.6#



#90
Benzo(a)pyrene
Concen: 2.81 ng
RT: 23.757 min Scan# 3514
Delta R.T. -0.000 min
Lab File: BP005725.D
Acq: 04 Jun 2021 22:50

Tgt Ion:252 Resp: 183660
Ion Ratio Lower Upper
252 100
253 29.7 17.1 25.7#
125 18.9 3.8 5.6#

