

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081721\
 Data File : BP006735.D
 Acq On : 18 Aug 2021 00:53
 Operator : CG/JU
 Sample : M3441-04
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 WC-5

Quant Time: Aug 18 05:03:32 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 16 18:17:59 2021
 Response via : Initial Calibration

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

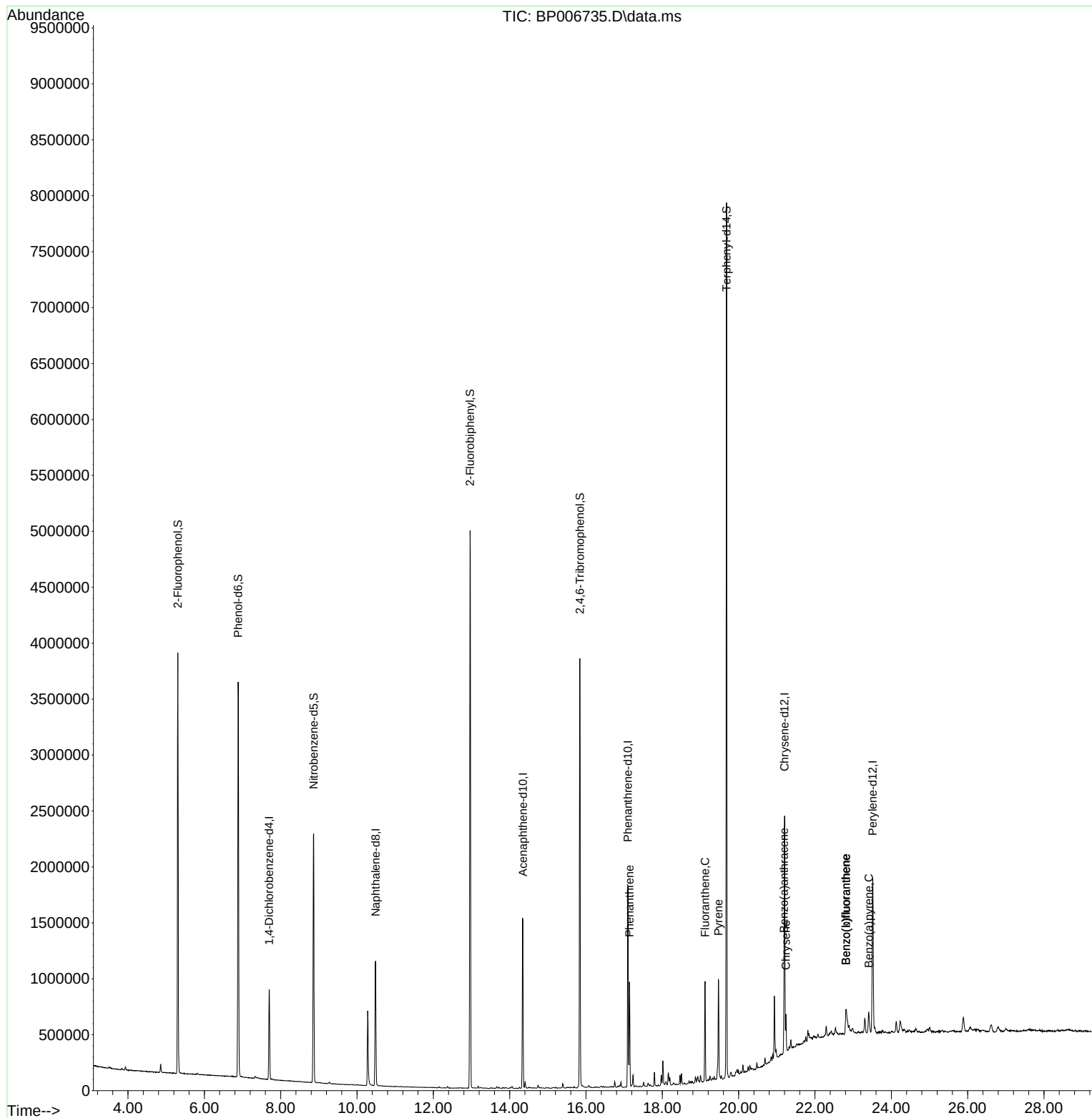
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.698	152	203119	20.000	ng	0.00
21) Naphthalene-d8	10.487	136	878551	20.000	ng	# 0.00
39) Acenaphthene-d10	14.345	164	476094	20.000	ng	0.00
64) Phenanthrene-d10	17.098	188	914268	20.000	ng	# 0.00
76) Chrysene-d12	21.204	240	858069	20.000	ng	# 0.00
86) Perylene-d12	23.509	264	906685	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.304	112	1539031	116.378	ng	0.00
7) Phenol-d6	6.887	99	1996904	106.300	ng	0.00
23) Nitrobenzene-d5	8.863	82	1358349	71.365	ng	0.00
42) 2,4,6-Tribromophenol	15.839	330	561867	112.922	ng	0.00
45) 2-Fluorobiphenyl	12.963	172	2308588	72.547	ng	0.00
79) Terphenyl-d14	19.680	244	2986859	69.750	ng	0.00
Target Compounds						
						Qvalue
71) Phenanthrene	17.139	178	499946	9.695	ng	98
75) Fluoranthene	19.121	202	475368	8.213	ng	94
78) Pyrene	19.474	202	483792	8.441	ng	99
81) Benzo(a)anthracene	21.186	228	170175	3.035	ng	97
83) Chrysene	21.239	228	162613	2.991	ng	98
88) Benzo(b)fluoranthene	22.809	252	181936	3.087	ng	# 92
89) Benzo(k)fluoranthene	22.809	252	181936	3.216	ng	# 92
90) Benzo(a)pyrene	23.409	252	128375	2.429	ng	# 91

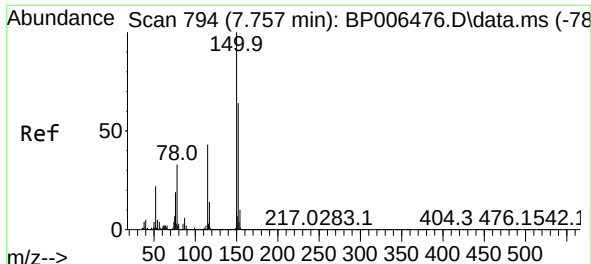
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081721\
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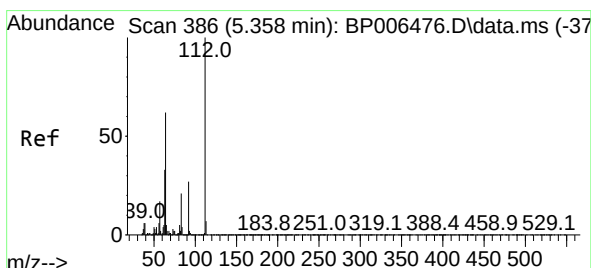
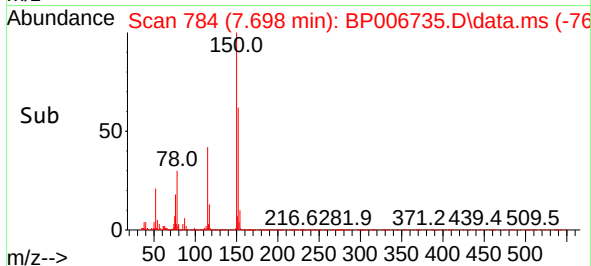
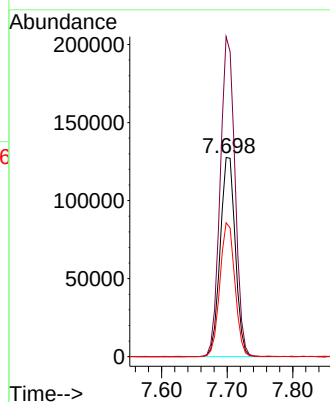
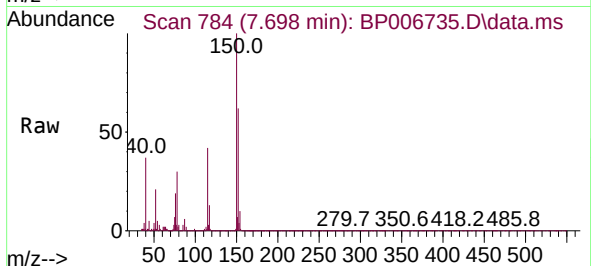




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.698 min Scan# 784
Delta R.T. -0.007 min
Lab File: BP006735.D
Acq: 18 Aug 2021 00:53

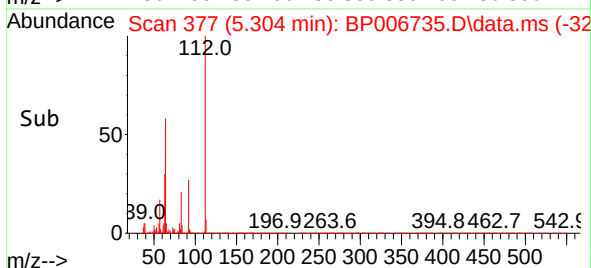
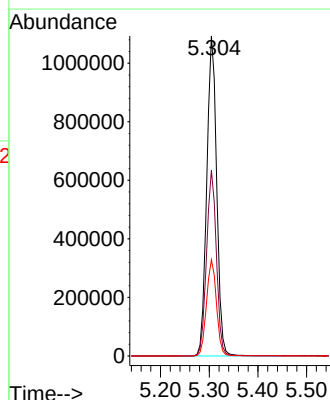
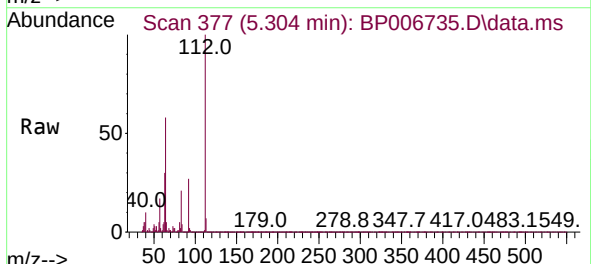
Instrument :
BNA_P
ClientSampleId :
WC-5

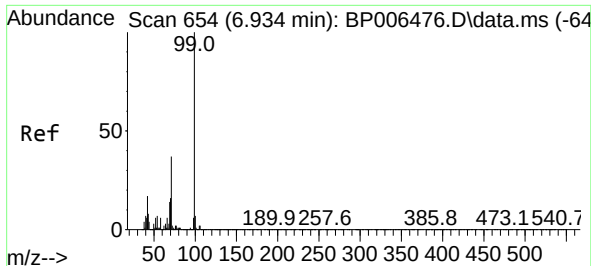
Tgt Ion:152 Resp: 203119
Ion Ratio Lower Upper
152 100
150 160.6 125.6 188.4
115 67.2 48.5 72.7



#5
2-Fluorophenol
Concen: 116.378 ng
RT: 5.304 min Scan# 377
Delta R.T. -0.000 min
Lab File: BP006735.D
Acq: 18 Aug 2021 00:53

Tgt Ion:112 Resp: 1539031
Ion Ratio Lower Upper
112 100
64 58.1 41.4 62.2
63 30.1 23.8 35.8



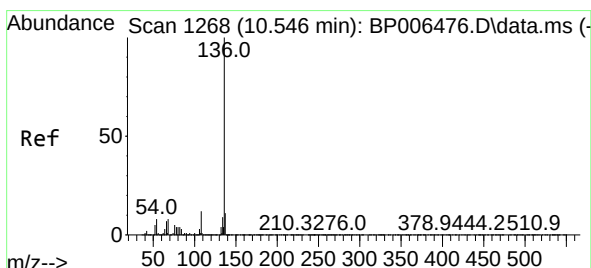
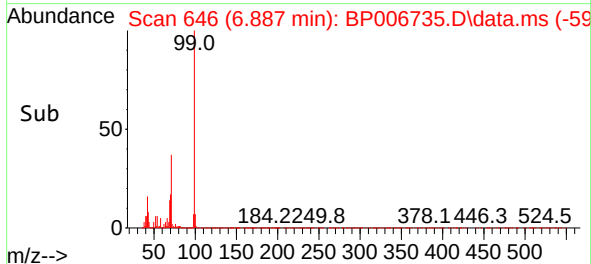
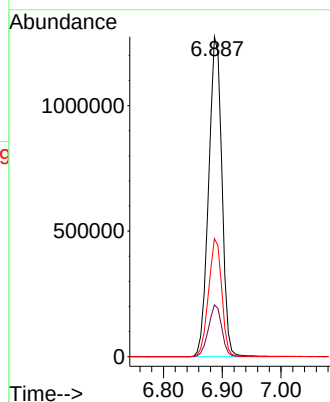
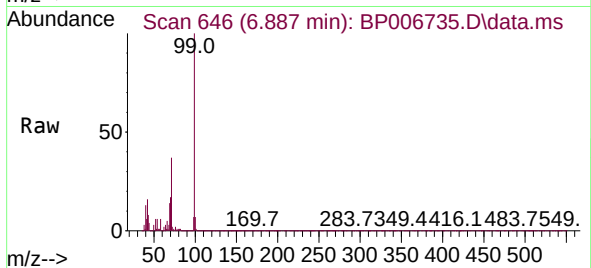


#7
Phenol-d6
Concen: 106.300 ng
RT: 6.887 min Scan# 646
Delta R.T. -0.000 min
Lab File: BP006735.D
Acq: 18 Aug 2021 00:53

Instrument :
BNA_P
ClientSampleId :
WC-5

Tgt Ion: 99 Resp: 1996904

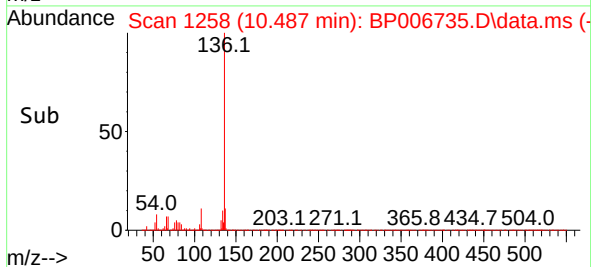
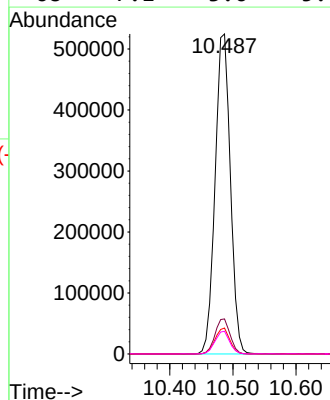
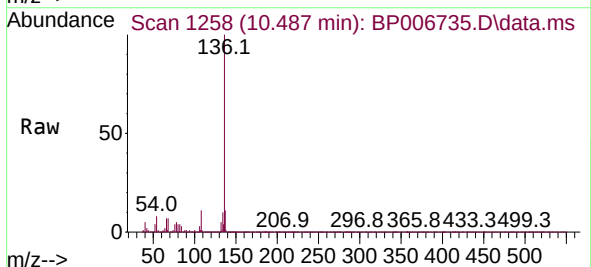
Ion	Ratio	Lower	Upper
99	100		
42	16.2	13.4	20.0
71	36.9	30.6	46.0

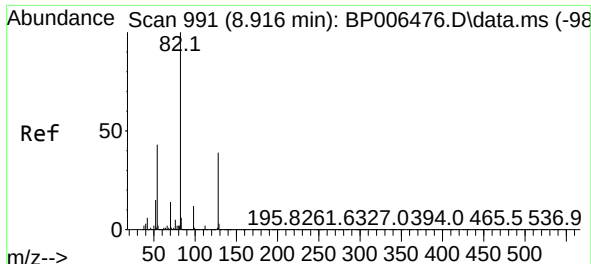


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.487 min Scan# 1258
Delta R.T. -0.006 min
Lab File: BP006735.D
Acq: 18 Aug 2021 00:53

Tgt Ion: 136 Resp: 878551

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	12.8
54	8.1	4.6	6.8#
68	7.1	3.6	5.4#

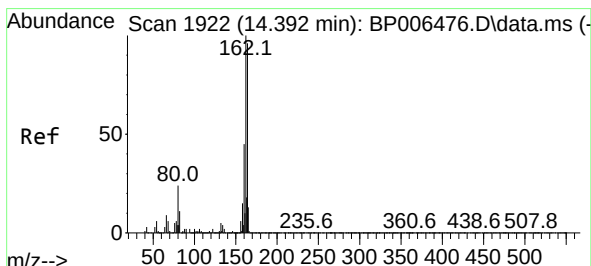
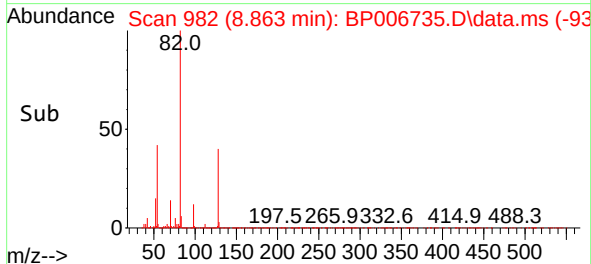
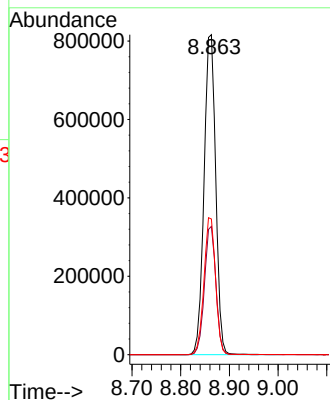
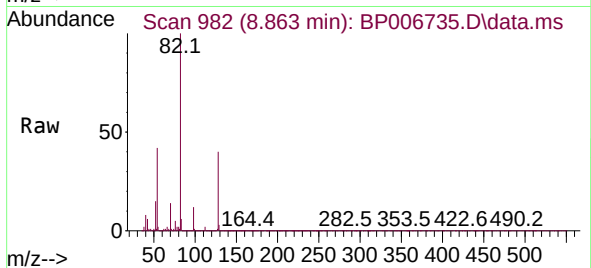




#23
Nitrobenzene-d5
Concen: 71.365 ng
RT: 8.863 min Scan# 982
Delta R.T. -0.000 min
Lab File: BP006735.D
Acq: 18 Aug 2021 00:53

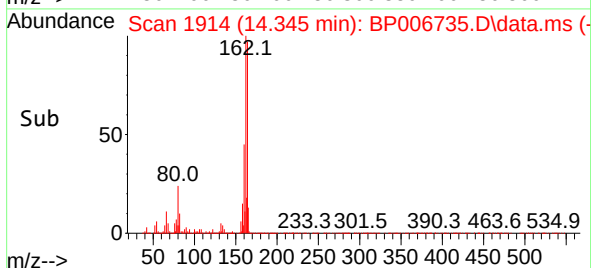
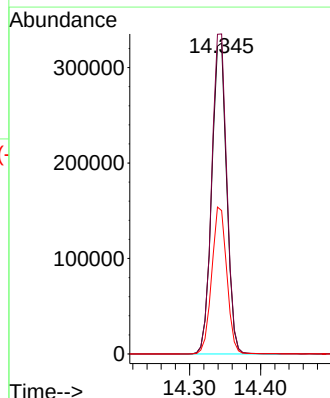
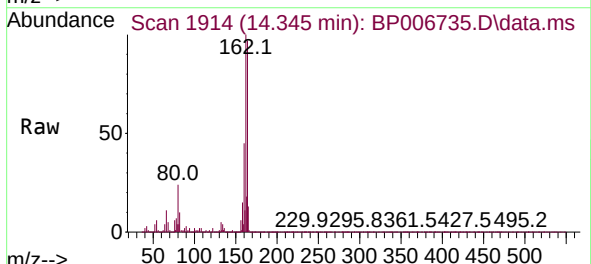
Instrument :
BNA_P
ClientSampleId :
WC-5

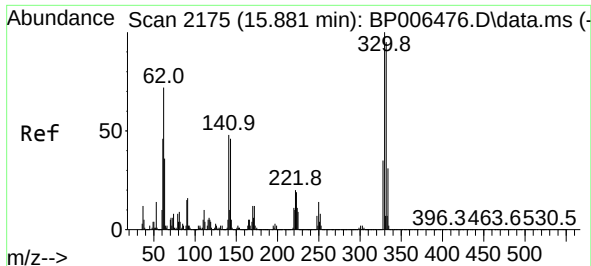
Tgt Ion: 82 Resp: 1358349
Ion Ratio Lower Upper
82 100
128 40.1 35.7 53.5
54 42.4 35.0 52.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.345 min Scan# 1914
Delta R.T. -0.000 min
Lab File: BP006735.D
Acq: 18 Aug 2021 00:53

Tgt Ion:164 Resp: 476094
Ion Ratio Lower Upper
164 100
162 102.9 80.2 120.2
160 46.1 34.5 51.7

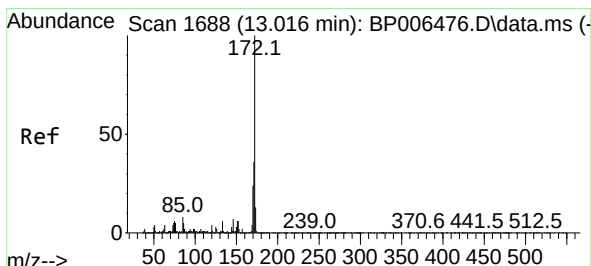
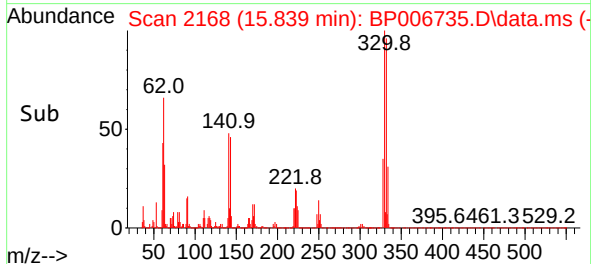
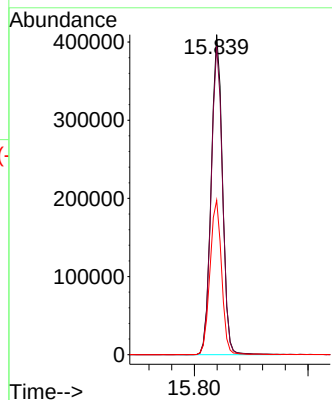
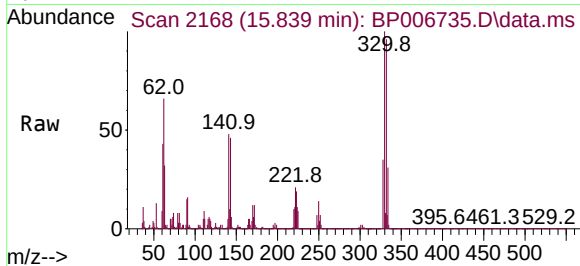




#42
2,4,6-Tribromophenol
Concen: 112.922 ng
RT: 15.839 min Scan# 2168
Delta R.T. -0.006 min
Lab File: BP006735.D
Acq: 18 Aug 2021 00:53

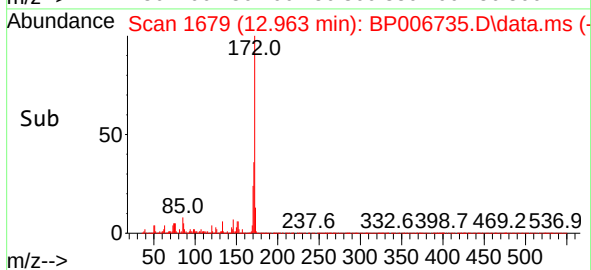
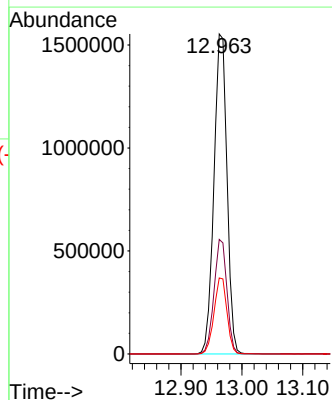
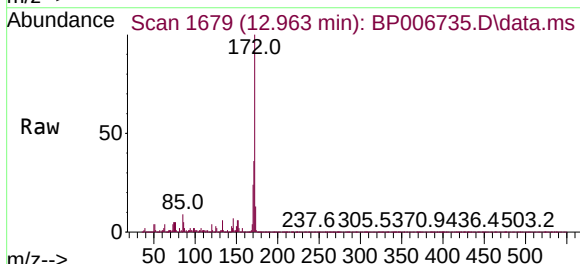
Instrument :
BNA_P
ClientSampleId :
WC-5

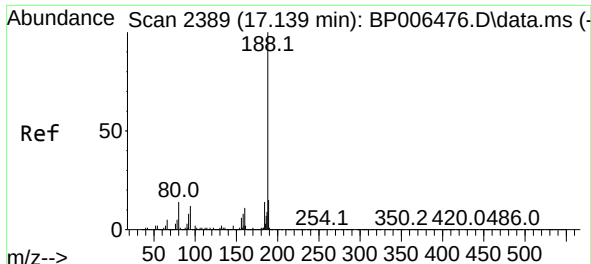
Tgt Ion:330 Resp: 561867
Ion Ratio Lower Upper
330 100
332 97.0 77.8 116.8
141 49.4 25.4 38.2#



#45
2-Fluorobiphenyl
Concen: 72.547 ng
RT: 12.963 min Scan# 1679
Delta R.T. -0.006 min
Lab File: BP006735.D
Acq: 18 Aug 2021 00:53

Tgt Ion:172 Resp: 2308588
Ion Ratio Lower Upper
172 100
171 35.8 27.9 41.9
170 23.8 18.6 27.8

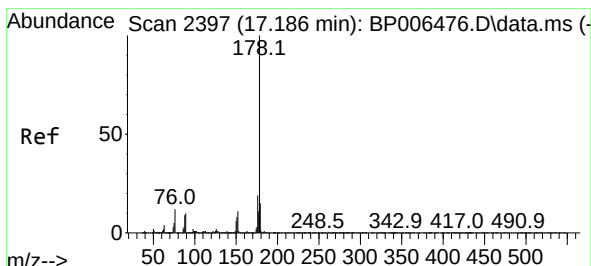
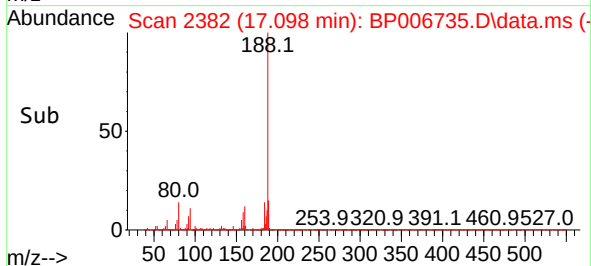
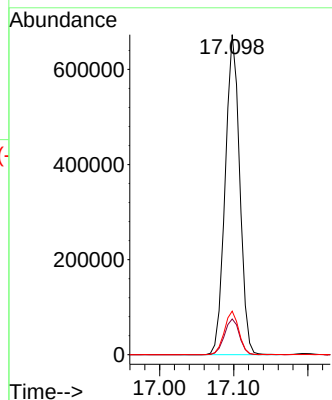
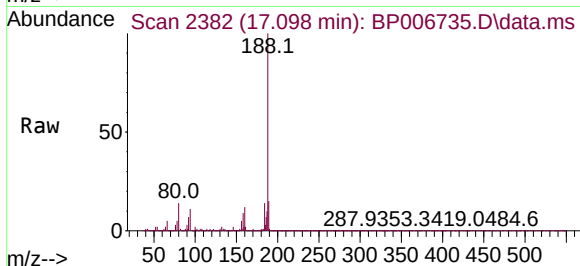




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.098 min Scan# 2382
Delta R.T. -0.006 min
Lab File: BP006735.D
Acq: 18 Aug 2021 00:53

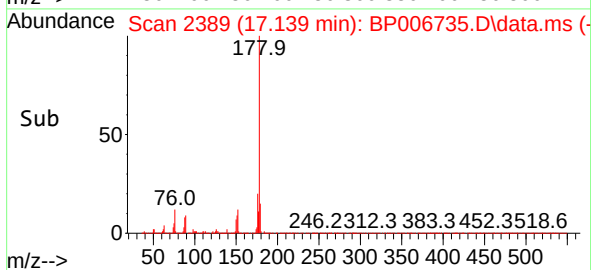
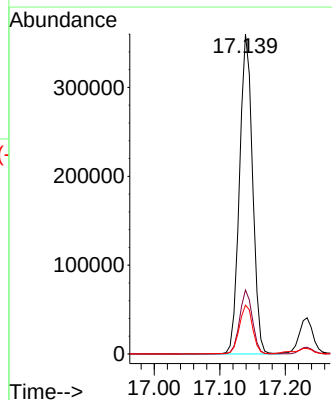
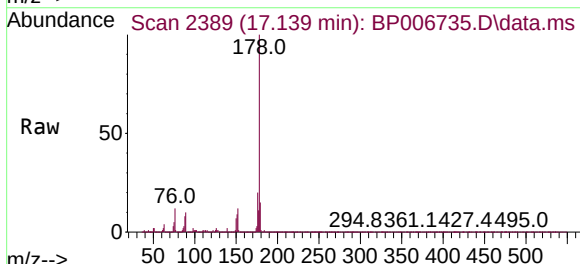
Instrument :
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ClientSampleId :
WC-5

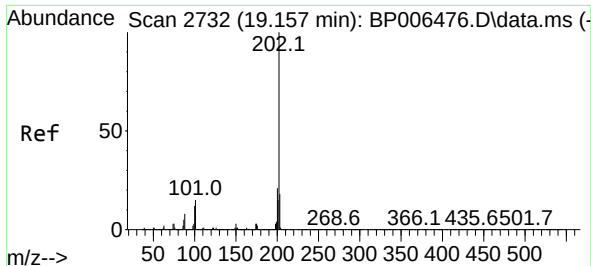
Tgt Ion:188 Resp: 914268
Ion Ratio Lower Upper
188 100
94 11.2 5.6 8.4#
80 13.6 6.3 9.5#



#71
Phenanthrene
Concen: 9.695 ng
RT: 17.139 min Scan# 2389
Delta R.T. -0.006 min
Lab File: BP006735.D
Acq: 18 Aug 2021 00:53

Tgt Ion:178 Resp: 499946
Ion Ratio Lower Upper
178 100
176 20.0 15.1 22.7
179 15.3 12.4 18.6

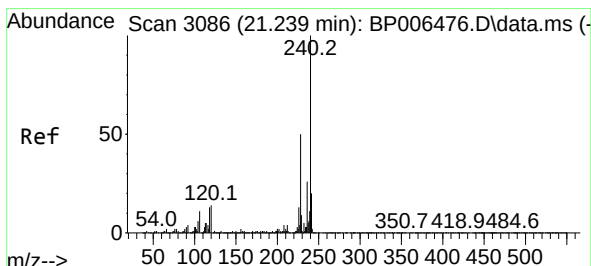
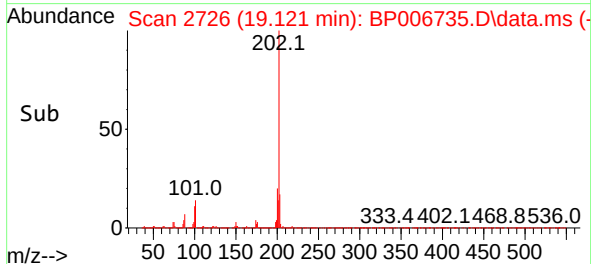
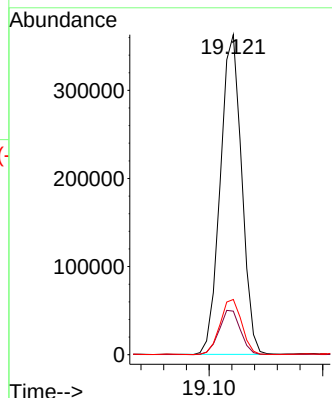
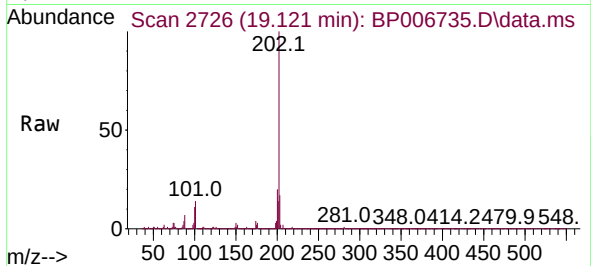




#75
Fluoranthene
Concen: 8.213 ng
RT: 19.121 min Scan# 2726
Delta R.T. -0.006 min
Lab File: BP006735.D
Acq: 18 Aug 2021 00:53

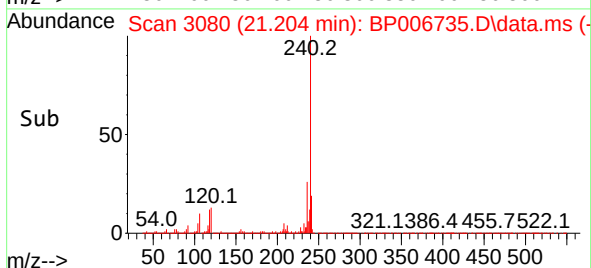
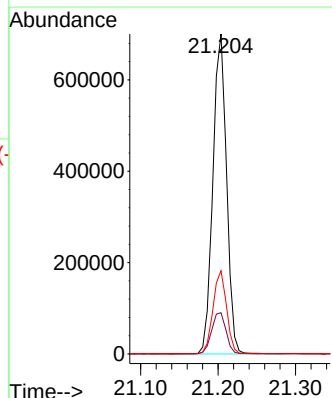
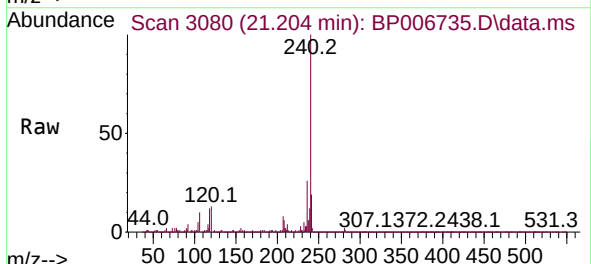
Instrument :
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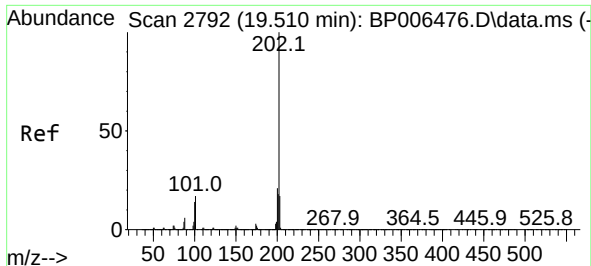
Tgt Ion:	202	Resp:	475368
Ion Ratio	Lower	Upper	
202	100		
101	13.6	0.0	27.6
203	17.2	0.0	37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.204 min Scan# 3080
Delta R.T. -0.006 min
Lab File: BP006735.D
Acq: 18 Aug 2021 00:53

Tgt Ion:	240	Resp:	858069
Ion Ratio	Lower	Upper	
240	100		
120	12.9	6.5	9.7#
236	26.0	20.6	31.0

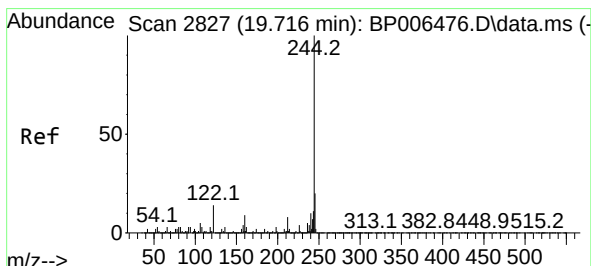
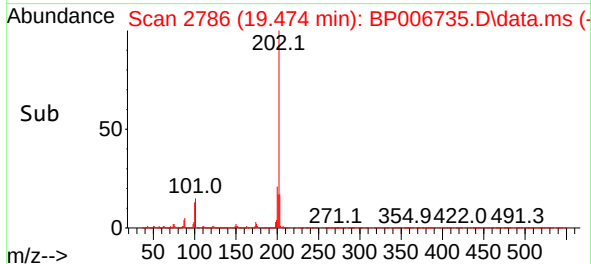
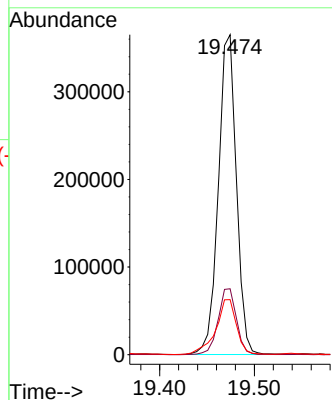
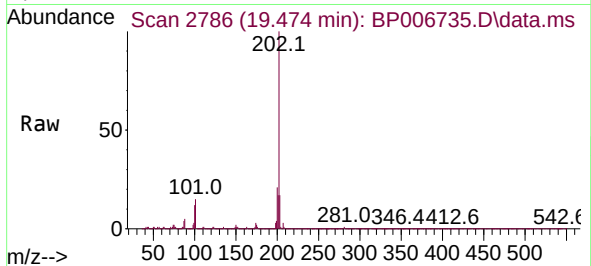




#78
Pyrene
Concen: 8.441 ng
RT: 19.474 min Scan# 2786
Delta R.T. -0.006 min
Lab File: BP006735.D
Acq: 18 Aug 2021 00:53

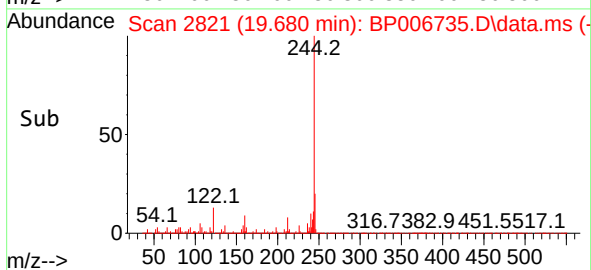
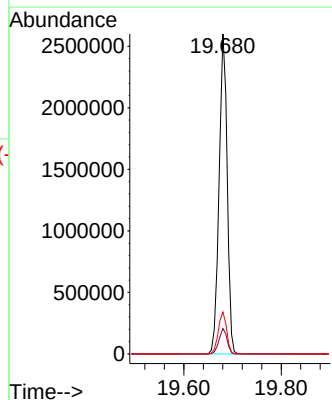
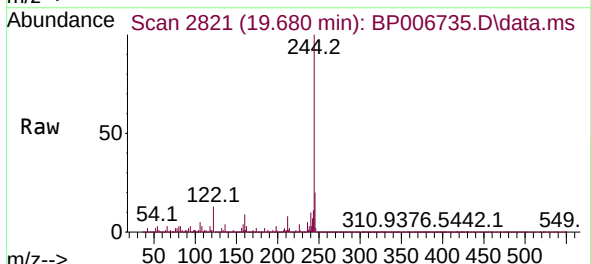
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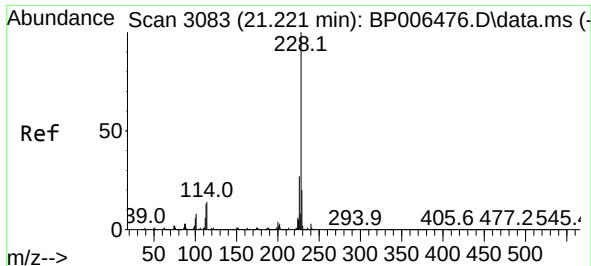
Tgt Ion:202 Resp: 483792
Ion Ratio Lower Upper
202 100
200 20.6 16.3 24.5
203 17.2 14.2 21.2



#79
Terphenyl-d14
Concen: 69.750 ng
RT: 19.680 min Scan# 2821
Delta R.T. -0.006 min
Lab File: BP006735.D
Acq: 18 Aug 2021 00:53

Tgt Ion:244 Resp: 2986859
Ion Ratio Lower Upper
244 100
212 7.9 6.0 9.0
122 13.1 7.1 10.7#

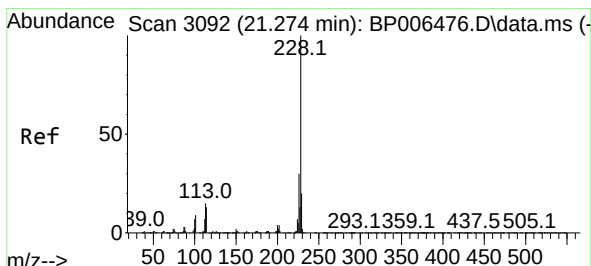
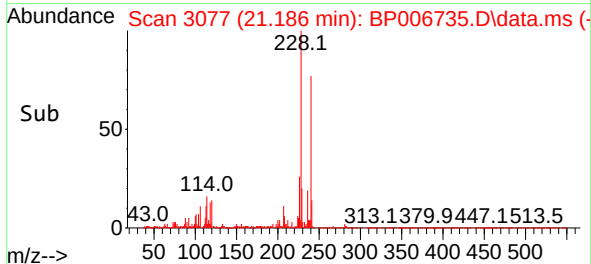
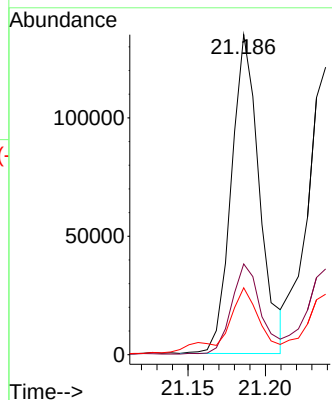
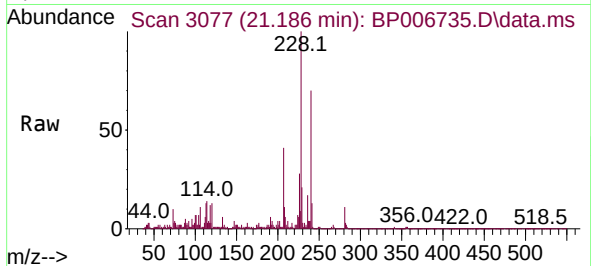




#81
Benzo(a)anthracene
Concen: 3.035 ng
RT: 21.186 min Scan# 3077
Delta R.T. -0.012 min
Lab File: BP006735.D
Acq: 18 Aug 2021 00:53

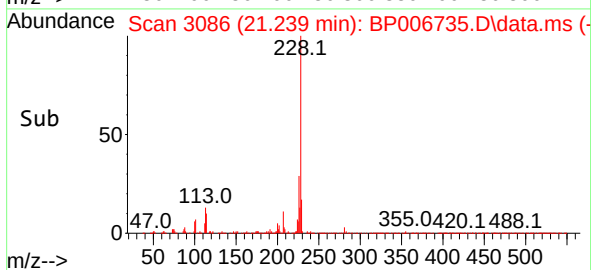
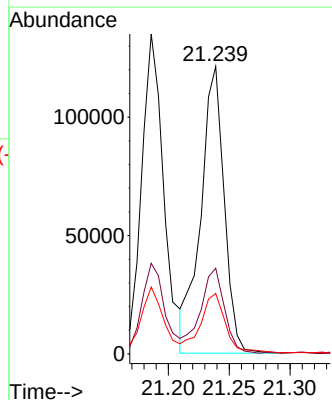
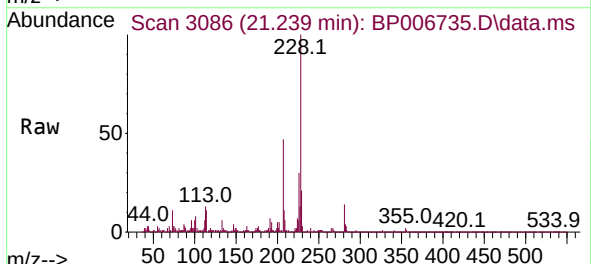
Instrument :
BNA_P
ClientSampled :
WC-5

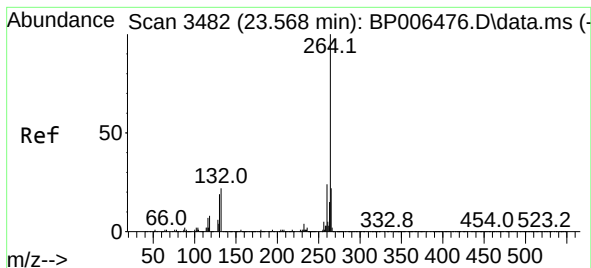
Tgt Ion:	228	Resp:	170175
Ion Ratio	Lower	Upper	
228	100		
226	28.4	21.6	32.4
229	20.9	15.8	23.6



#83
Chrysene
Concen: 2.991 ng
RT: 21.239 min Scan# 3086
Delta R.T. -0.012 min
Lab File: BP006735.D
Acq: 18 Aug 2021 00:53

Tgt Ion:	228	Resp:	162613
Ion Ratio	Lower	Upper	
228	100		
226	29.8	23.8	35.6
229	21.1	15.4	23.2

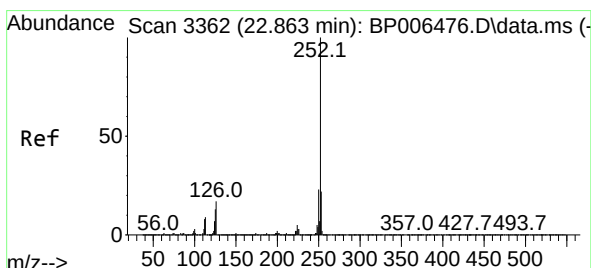
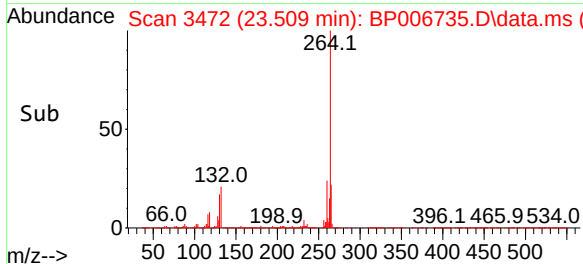
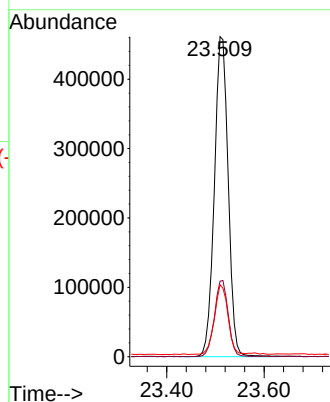
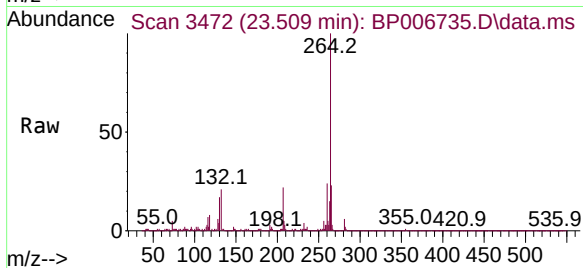




#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.509 min Scan# 3472
 Delta R.T. -0.018 min
 Lab File: BP006735.D
 Acq: 18 Aug 2021 00:53

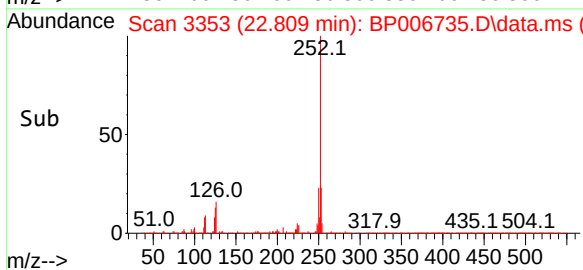
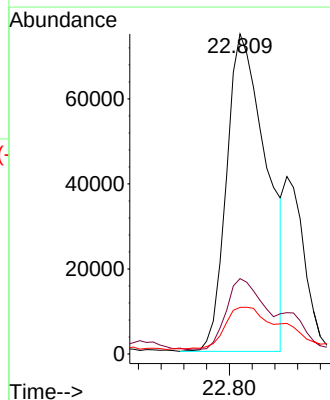
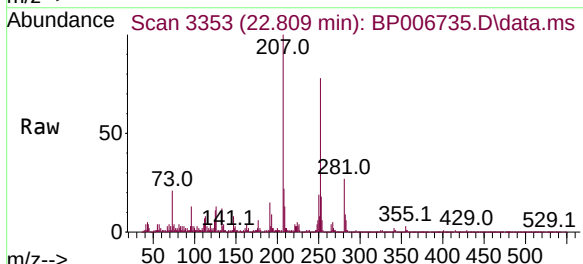
Instrument :
 BNA_P
 ClientSampled :
 WC-5

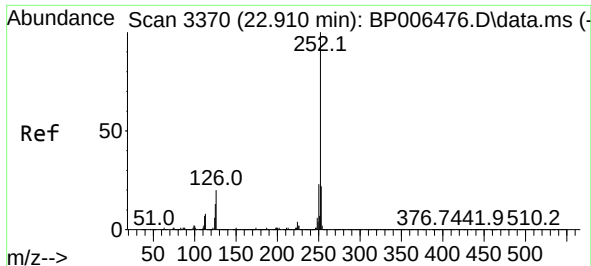
Tgt Ion:	264	Resp:	906685
Ion Ratio	Lower	Upper	
264	100		
260	23.6	18.6	28.0
265	22.5	17.6	26.4



#88
 Benzo(b)fluoranthene
 Concen: 3.087 ng
 RT: 22.809 min Scan# 3353
 Delta R.T. -0.012 min
 Lab File: BP006735.D
 Acq: 18 Aug 2021 00:53

Tgt Ion:	252	Resp:	181936
Ion Ratio	Lower	Upper	
252	100		
253	23.5	17.5	26.3
125	14.5	6.2	9.4#

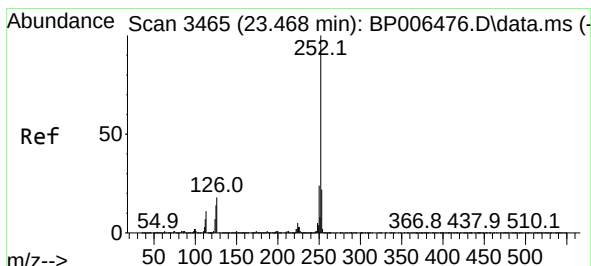
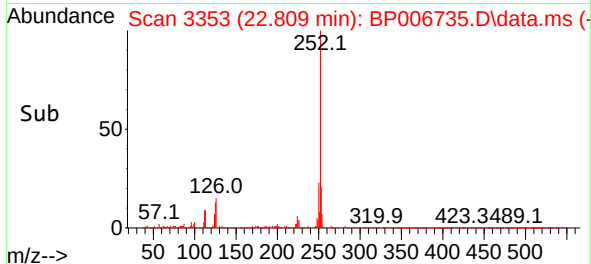
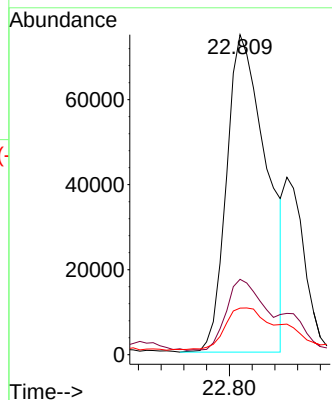
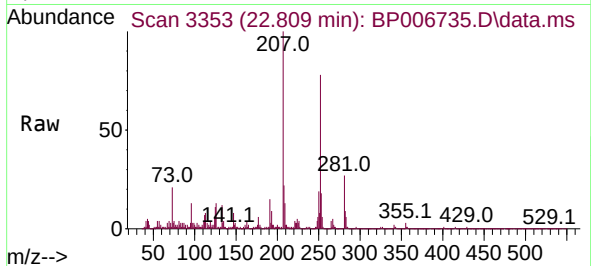




#89
Benzo(k)fluoranthene
Concen: 3.216 ng
RT: 22.809 min Scan# 3353
Delta R.T. -0.065 min
Lab File: BP006735.D
Acq: 18 Aug 2021 00:53

Instrument :
BNA_P
ClientSampleId :
WC-5

Tgt Ion:252 Resp: 181936
Ion Ratio Lower Upper
252 100
253 23.5 17.6 26.4
125 14.5 6.0 9.0#



#90
Benzo(a)pyrene
Concen: 2.429 ng
RT: 23.409 min Scan# 3455
Delta R.T. -0.012 min
Lab File: BP006735.D
Acq: 18 Aug 2021 00:53

Tgt Ion:252 Resp: 128375
Ion Ratio Lower Upper
252 100
253 23.9 17.9 26.9
125 17.3 6.5 9.7#

