

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040721\
 Data File : BP005218.D
 Acq On : 07 Apr 2021 13:41
 Operator : CG/JU
 Sample : M1963-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 S-1

Quant Time: Apr 07 14:27:35 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP032321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 06 12:33:08 2021
 Response via : Initial Calibration

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

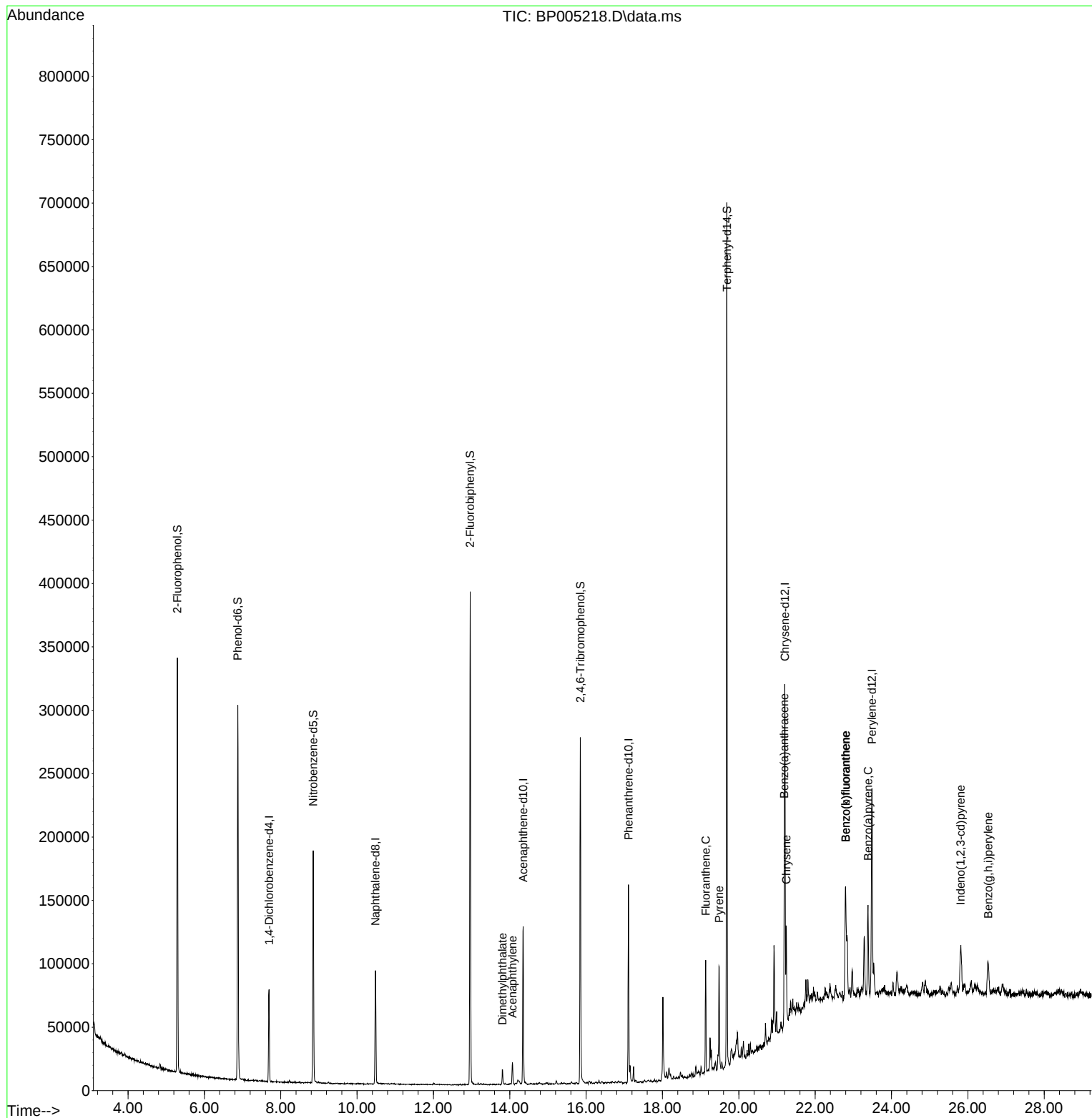
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.693	152	18919	20.00	ng	0.00
21) Naphthalene-d8	10.481	136	71882	20.00	ng	# 0.00
39) Acenaphthene-d10	14.351	164	42221	20.00	ng	0.00
64) Phenanthrene-d10	17.110	188	89726	20.00	ng	# 0.00
76) Chrysene-d12	21.210	240	103128	20.00	ng	0.00
86) Perylene-d12	23.486	264	116398	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.293	112	135787	110.45	ng	0.00
7) Phenol-d6	6.875	99	168878	95.90	ng	0.00
23) Nitrobenzene-d5	8.852	82	108563	64.80	ng	0.00
42) 2,4,6-Tribromophenol	15.851	330	50301	91.44	ng	0.00
45) 2-Fluorobiphenyl	12.963	172	191154	61.24	ng	0.00
79) Terphenyl-d14	19.686	244	294120	51.92	ng	0.00
Target Compounds						
						Qvalue
49) Acenaphthylene	14.069	152	12743	3.13	ng	# 92
50) Dimethylphthalate	13.810	163	6694	2.06	ng	97
75) Fluoranthene	19.134	202	47775	7.81	ng	97
78) Pyrene	19.486	202	48044	6.78	ng	97
81) Benzo(a)anthracene	21.192	228	47405	6.77	ng	98
83) Chrysene	21.245	228	42942	6.24	ng	96
87) Indeno(1,2,3-cd)pyrene	25.810	276	37411	4.29	ng	97
88) Benzo(b)fluoranthene	22.798	252	73423	8.88	ng	# 98
89) Benzo(k)fluoranthene	22.798	252	73423	9.27	ng	98
90) Benzo(a)pyrene	23.386	252	49315	6.65	ng	94
92) Benzo(g,h,i)perylene	26.533	276	34461	4.73	ng	# 94

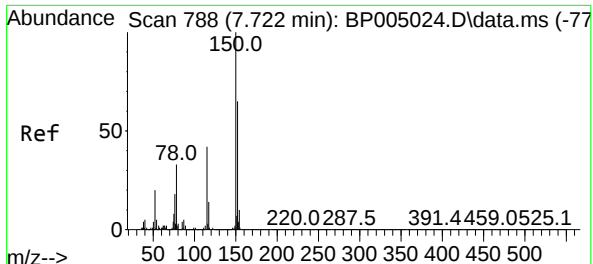
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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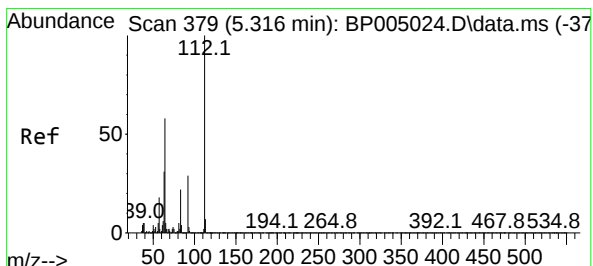
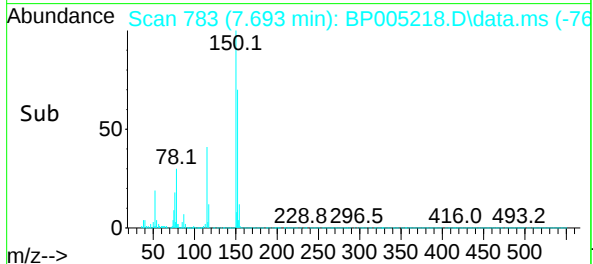
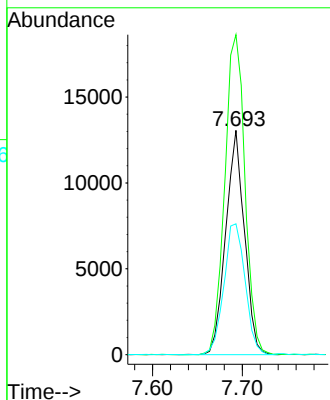
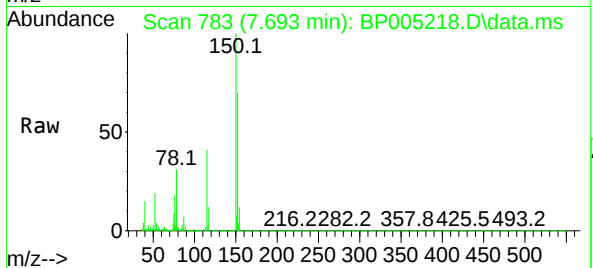




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.693 min Scan# 783
Delta R.T. -0.000 min
Lab File: BP005218.D
Acq: 07 Apr 2021 13:41

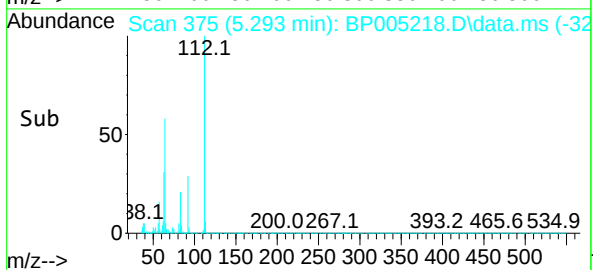
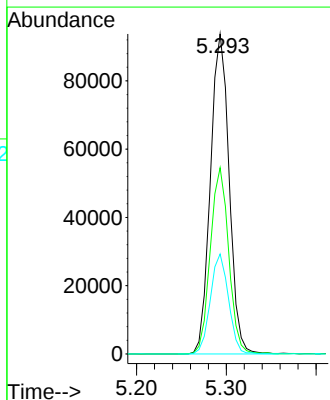
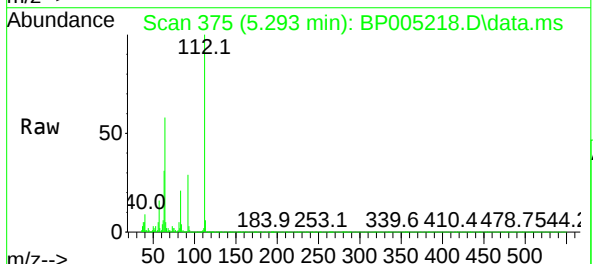
Instrument :
BNA_P
ClientSampleId :
S-1

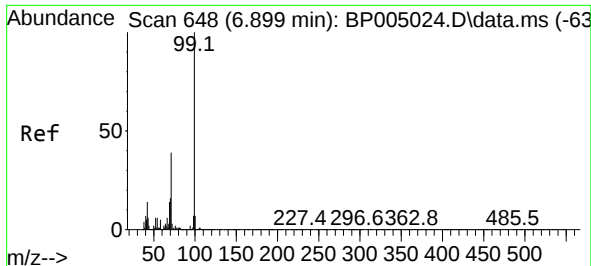
Tgt Ion:152 Resp: 18919
Ion Ratio Lower Upper
152 100
150 142.7 123.8 185.6
115 58.4 43.8 65.6



#5
2-Fluorophenol
Concen: 110.45 ng
RT: 5.293 min Scan# 375
Delta R.T. 0.000 min
Lab File: BP005218.D
Acq: 07 Apr 2021 13:41

Tgt Ion:112 Resp: 135787
Ion Ratio Lower Upper
112 100
64 58.2 32.8 49.2#
63 31.3 17.0 25.4#

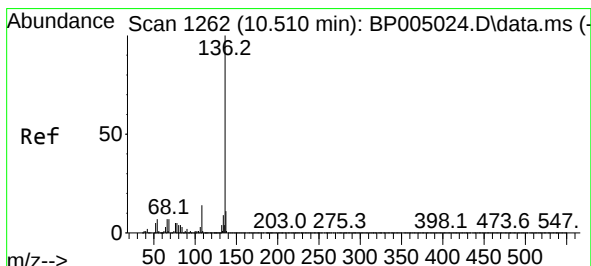
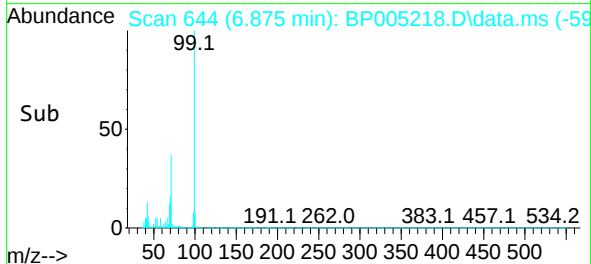
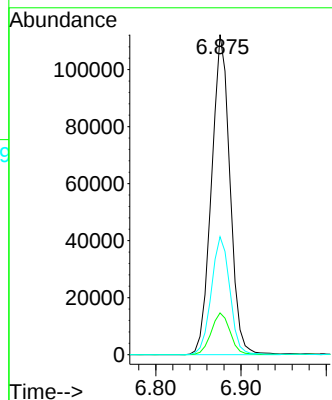
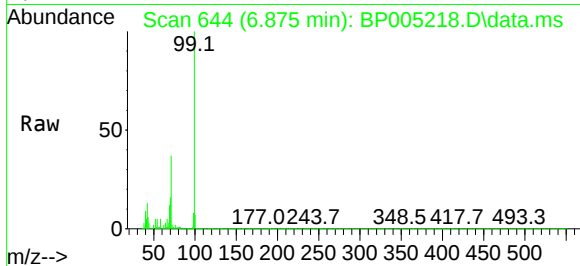




#7
Phenol-d6
Concen: 95.90 ng
RT: 6.875 min Scan# 644
Delta R.T. -0.006 min
Lab File: BP005218.D
Acq: 07 Apr 2021 13:41

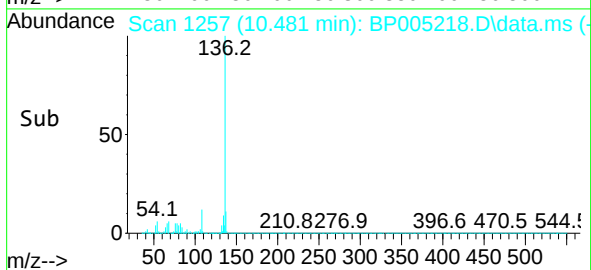
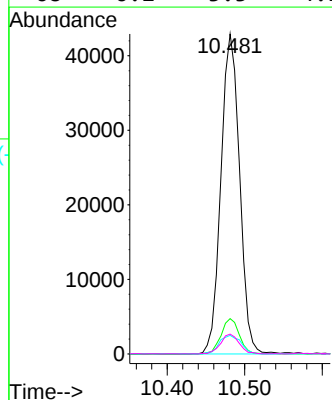
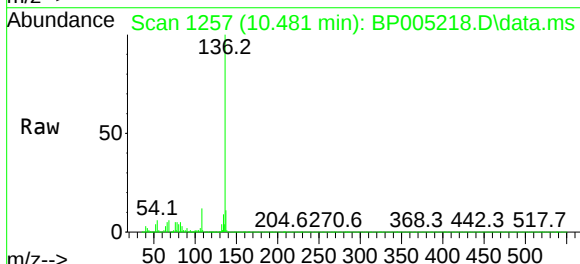
Instrument :
BNA_P
ClientSampled :
S-1

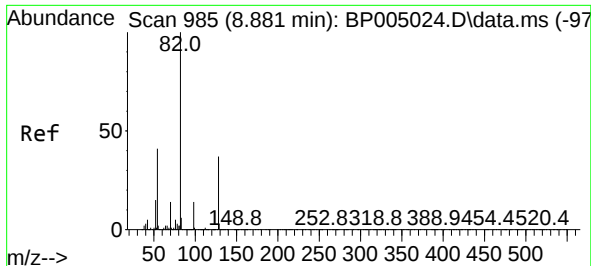
Tgt Ion: 99 Resp: 168878
Ion Ratio Lower Upper
99 100
42 13.0 8.6 13.0#
71 36.9 23.4 35.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.481 min Scan# 1257
Delta R.T. -0.006 min
Lab File: BP005218.D
Acq: 07 Apr 2021 13:41

Tgt Ion: 136 Resp: 71882
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 5.8 3.6 5.4#
68 6.2 3.3 4.9#

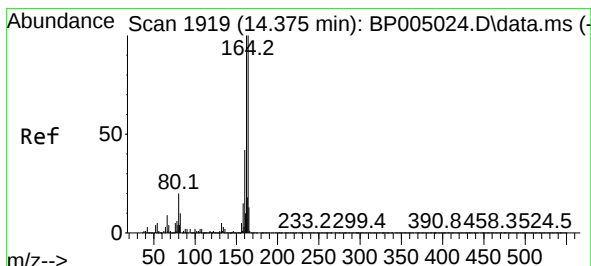
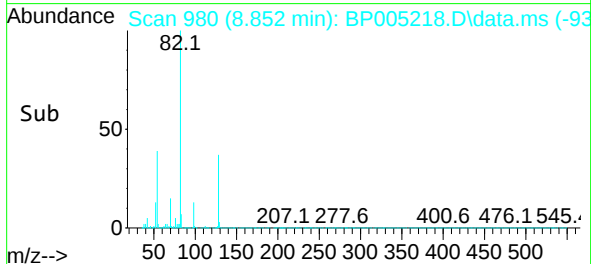
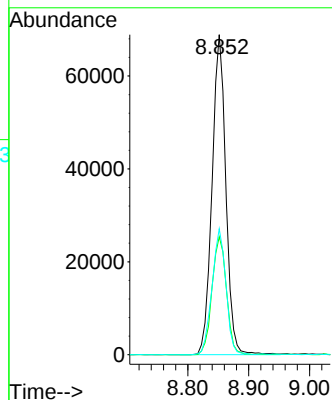
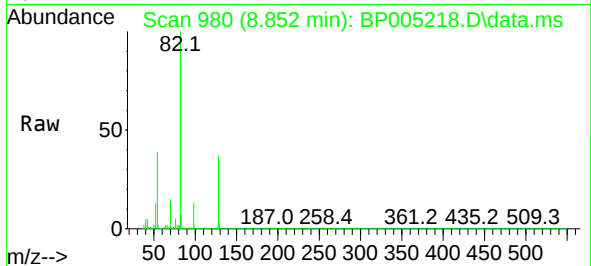




#23
Nitrobenzene-d5
Concen: 64.80 ng
RT: 8.852 min Scan# 980
Delta R.T. -0.006 min
Lab File: BP005218.D
Acq: 07 Apr 2021 13:41

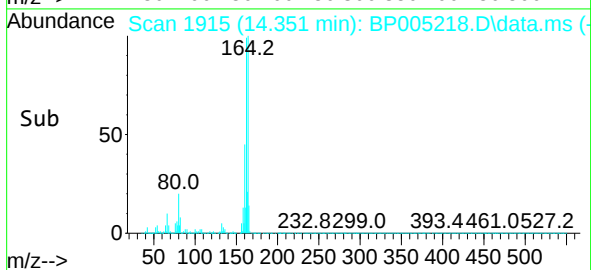
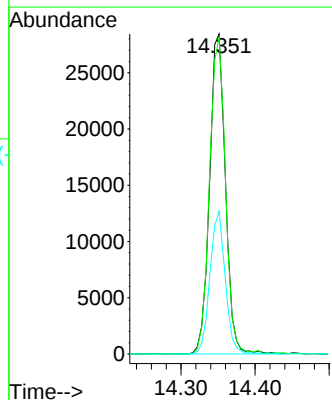
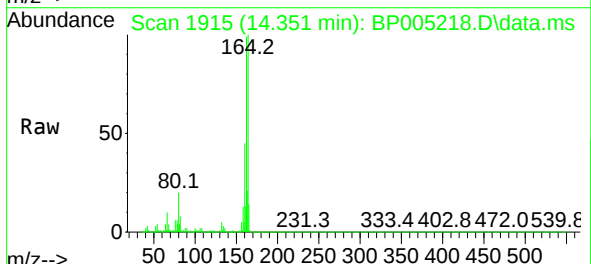
Instrument :
BNA_P
ClientSampleId :
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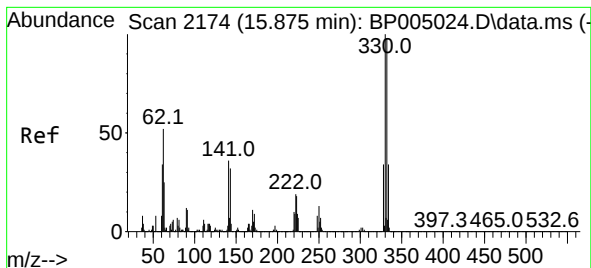
Tgt Ion: 82 Resp: 108563
Ion Ratio Lower Upper
82 100
128 36.8 45.6 68.4#
54 39.3 30.1 45.1



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.351 min Scan# 1915
Delta R.T. 0.000 min
Lab File: BP005218.D
Acq: 07 Apr 2021 13:41

Tgt Ion: 164 Resp: 42221
Ion Ratio Lower Upper
164 100
162 98.8 79.4 119.2
160 44.6 36.1 54.1

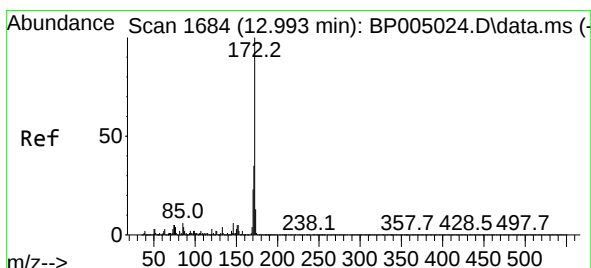
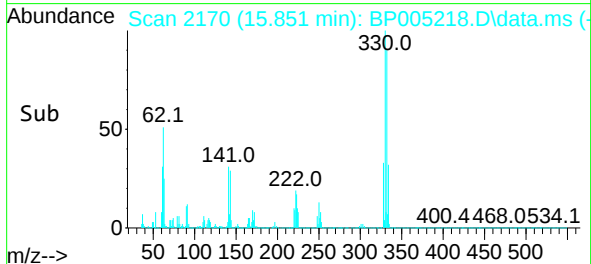
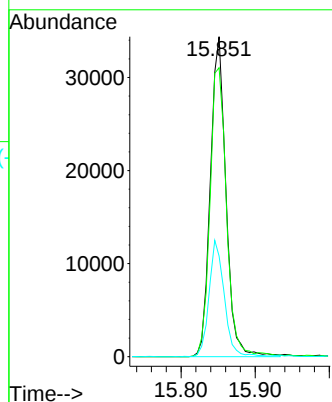
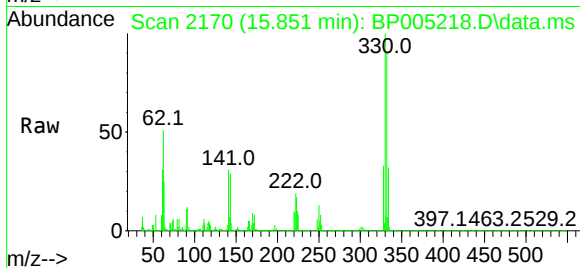




#42
2,4,6-Tribromophenol
Concen: 91.44 ng
RT: 15.851 min Scan# 2170
Delta R.T. -0.006 min
Lab File: BP005218.D
Acq: 07 Apr 2021 13:41

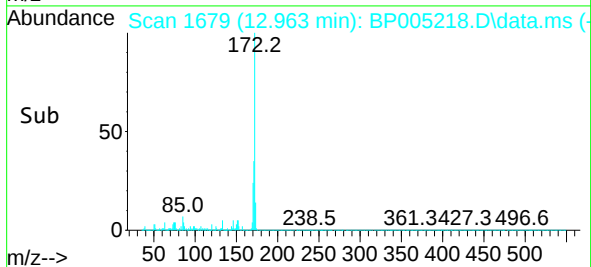
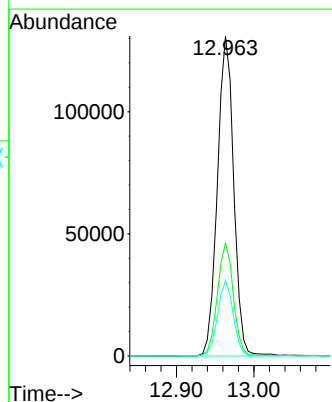
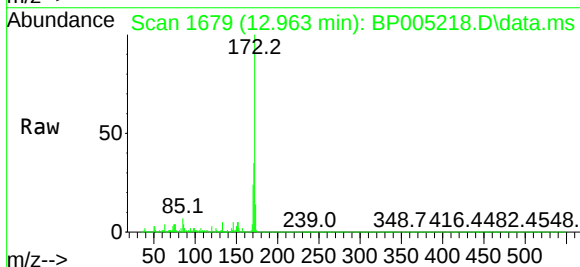
Instrument :
BNA_P
ClientSampleId :
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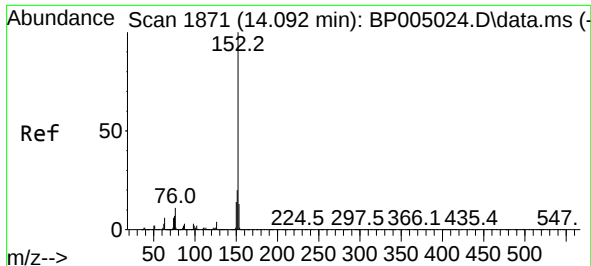
Tgt Ion:330 Resp: 50301
Ion Ratio Lower Upper
330 100
332 96.3 77.1 115.7
141 35.4 23.4 35.2#



#45
2-Fluorobiphenyl
Concen: 61.24 ng
RT: 12.963 min Scan# 1679
Delta R.T. -0.006 min
Lab File: BP005218.D
Acq: 07 Apr 2021 13:41

Tgt Ion:172 Resp: 191154
Ion Ratio Lower Upper
172 100
171 35.3 28.5 42.7
170 23.6 19.2 28.8

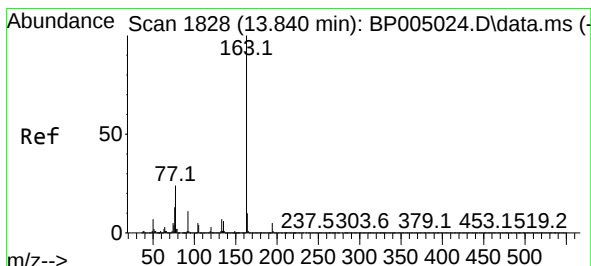
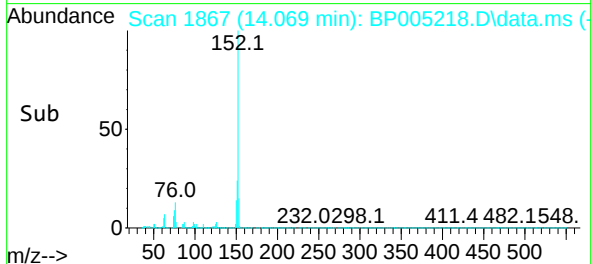
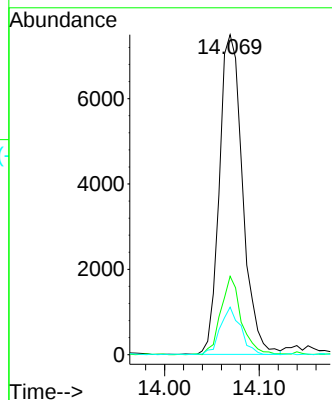
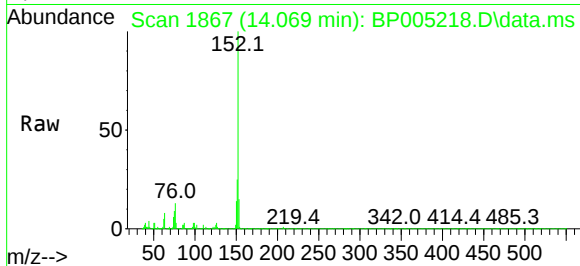




#49
Acenaphthylene
Concen: 3.13 ng
RT: 14.069 min Scan# 1867
Delta R.T. -0.006 min
Lab File: BP005218.D
Acq: 07 Apr 2021 13:41

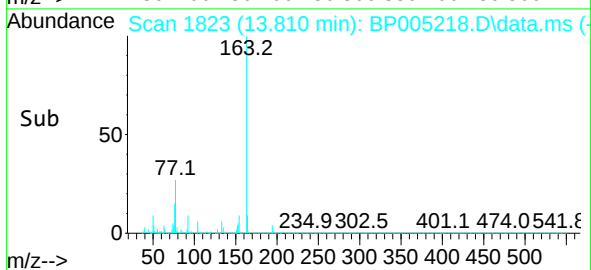
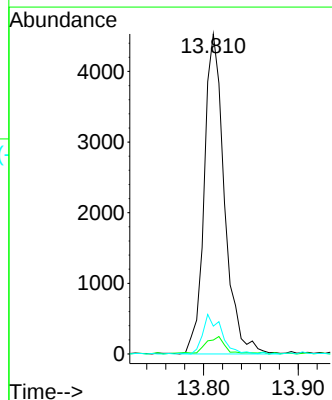
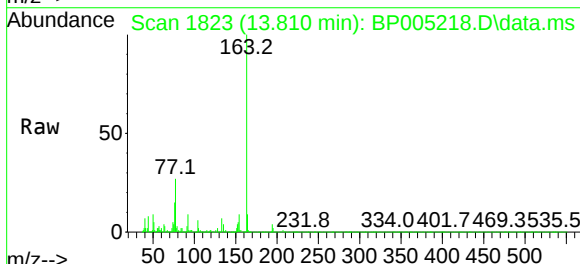
Instrument :
BNA_P
ClientSampleId :
S-1

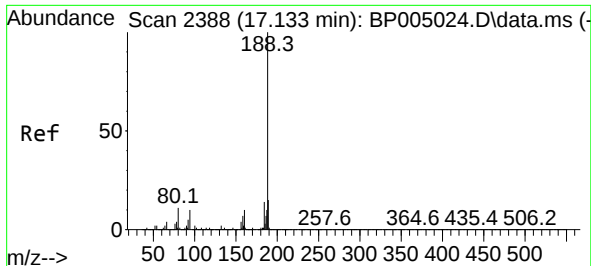
Tgt Ion:152 Resp: 12743
Ion Ratio Lower Upper
152 100
151 24.5 15.9 23.9#
153 14.9 10.5 15.7



#50
Dimethylphthalate
Concen: 2.06 ng
RT: 13.810 min Scan# 1823
Delta R.T. -0.006 min
Lab File: BP005218.D
Acq: 07 Apr 2021 13:41

Tgt Ion:163 Resp: 6694
Ion Ratio Lower Upper
163 100
194 4.3 3.3 4.9
164 8.7 8.2 12.2

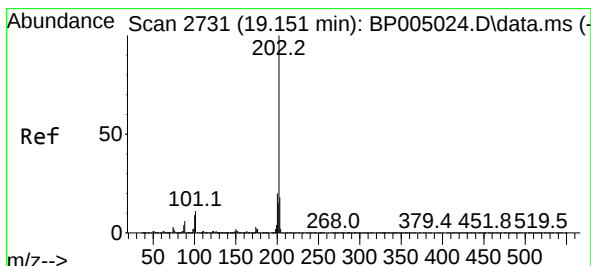
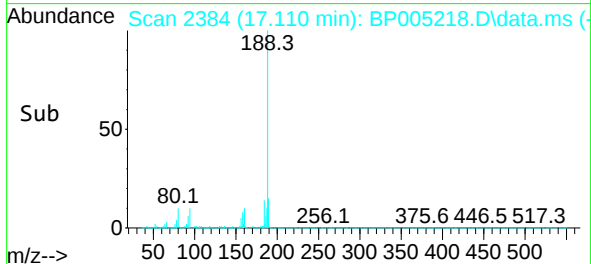
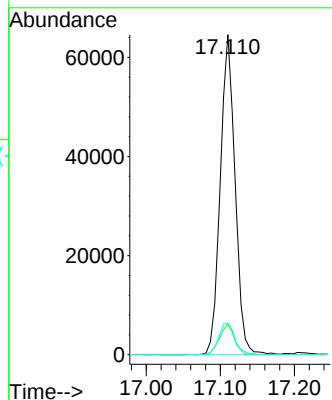
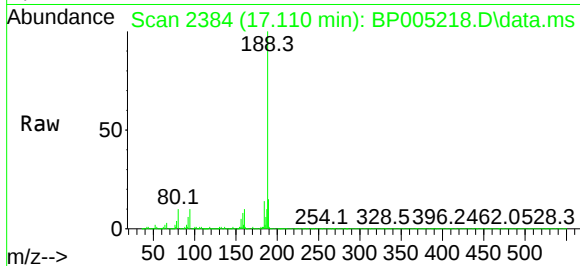




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.110 min Scan# 2384
Delta R.T. -0.006 min
Lab File: BP005218.D
Acq: 07 Apr 2021 13:41

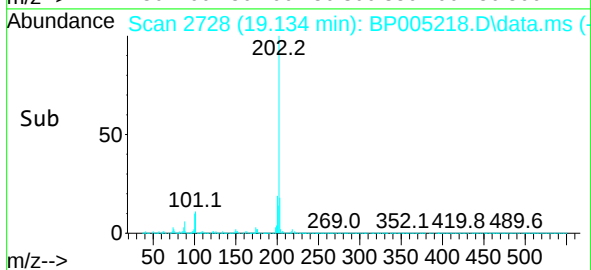
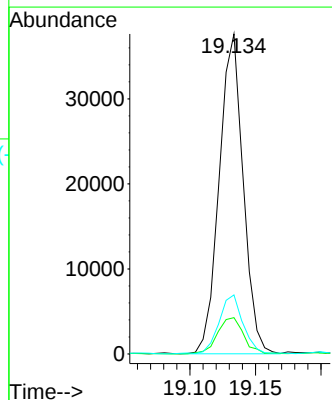
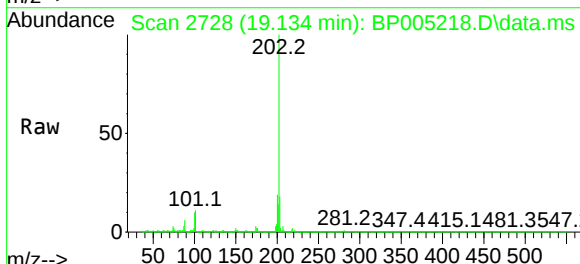
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S-1

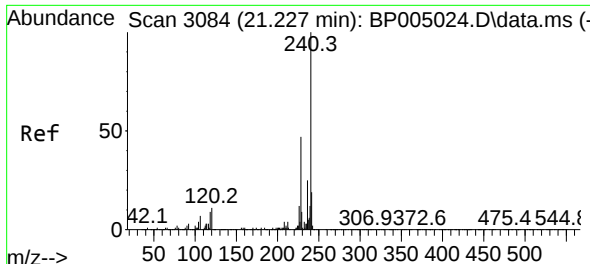
Tgt Ion:188 Resp: 89726
Ion Ratio Lower Upper
188 100
94 9.5 6.2 9.2#
80 9.9 6.2 9.2#



#75
Fluoranthene
Concen: 7.81 ng
RT: 19.134 min Scan# 2728
Delta R.T. 0.000 min
Lab File: BP005218.D
Acq: 07 Apr 2021 13:41

Tgt Ion:202 Resp: 47775
Ion Ratio Lower Upper
202 100
101 11.3 0.0 29.4
203 18.5 0.0 37.8

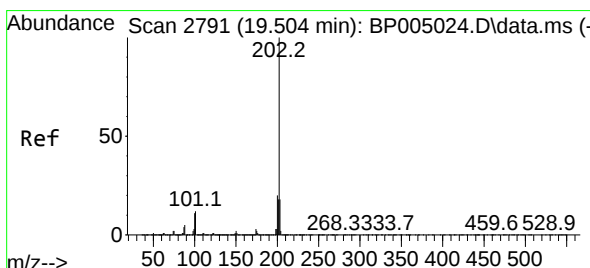
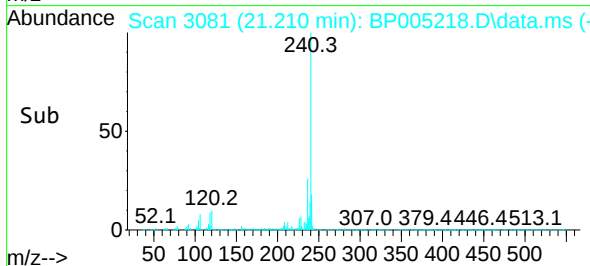
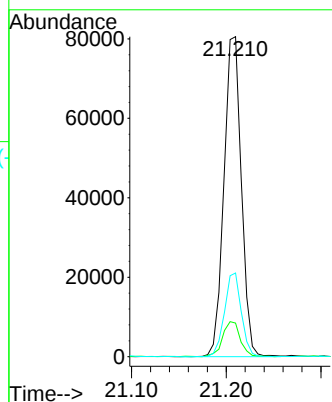
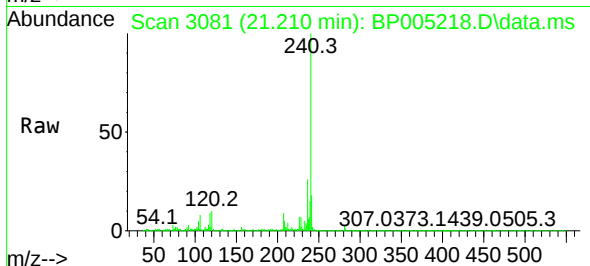




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.210 min Scan# 3081
Delta R.T. -0.006 min
Lab File: BP005218.D
Acq: 07 Apr 2021 13:41

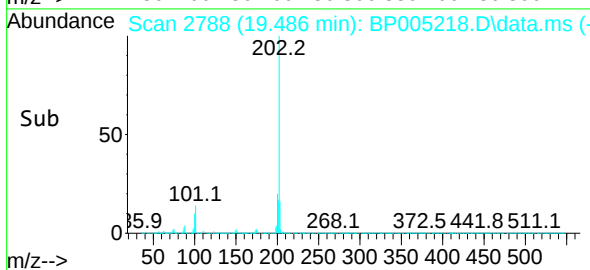
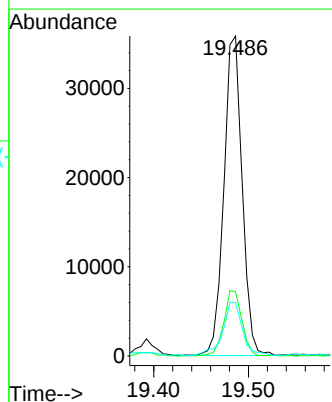
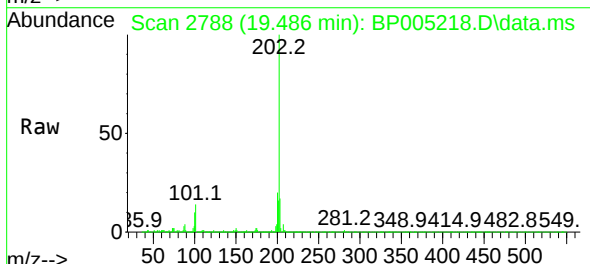
Instrument :
BNA_P
ClientSampled :
S-1

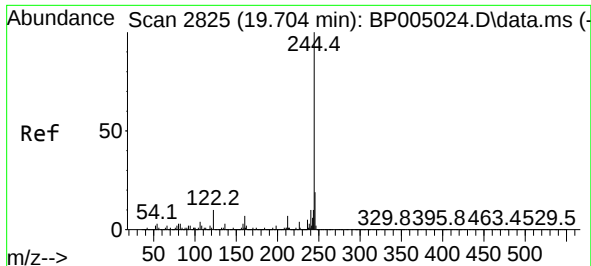
Tgt Ion:240 Resp: 103128
Ion Ratio Lower Upper
240 100
120 10.5 7.8 11.6
236 26.1 20.8 31.2



#78
Pyrene
Concen: 6.78 ng
RT: 19.486 min Scan# 2788
Delta R.T. 0.000 min
Lab File: BP005218.D
Acq: 07 Apr 2021 13:41

Tgt Ion:202 Resp: 48044
Ion Ratio Lower Upper
202 100
200 20.1 17.1 25.7
203 16.7 14.2 21.2

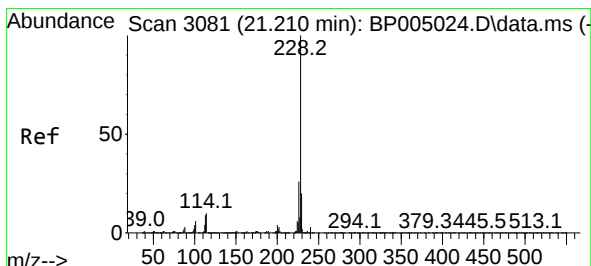
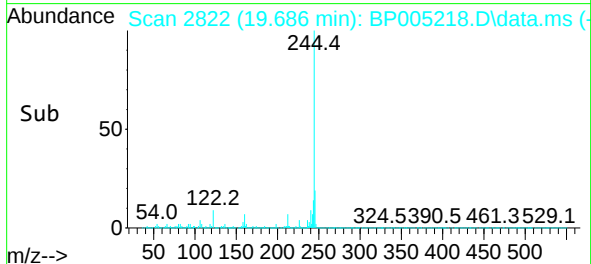
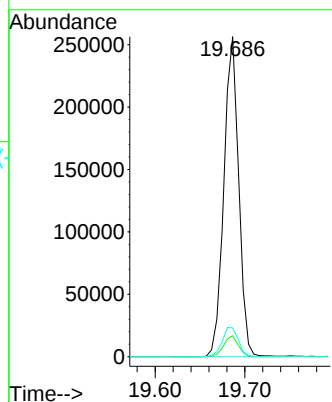
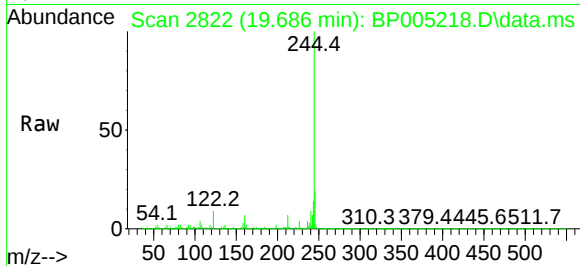




#79
Terphenyl-d14
Concen: 51.92 ng
RT: 19.686 min Scan# 2822
Delta R.T. 0.000 min
Lab File: BP005218.D
Acq: 07 Apr 2021 13:41

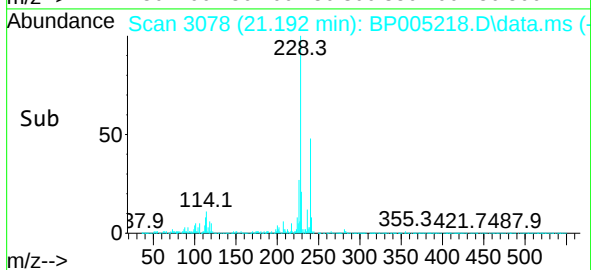
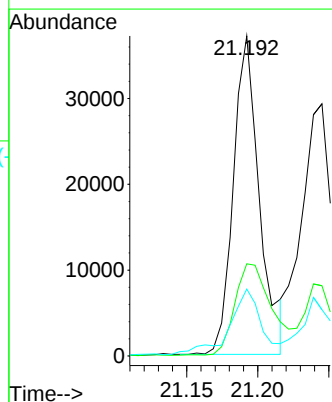
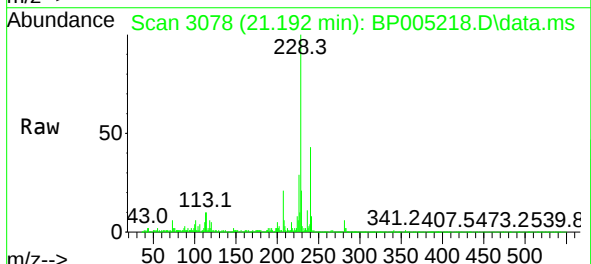
Instrument :
BNA_P
ClientSampled :
S-1

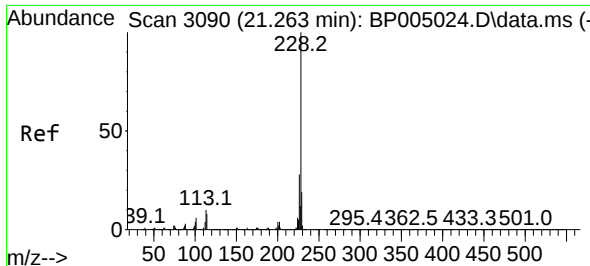
Tgt Ion:244 Resp: 294120
Ion Ratio Lower Upper
244 100
212 6.6 5.8 8.6
122 9.0 7.8 11.8



#81
Benzo(a)anthracene
Concen: 6.77 ng
RT: 21.192 min Scan# 3078
Delta R.T. -0.006 min
Lab File: BP005218.D
Acq: 07 Apr 2021 13:41

Tgt Ion:228 Resp: 47405
Ion Ratio Lower Upper
228 100
226 28.8 22.1 33.1
229 20.9 15.9 23.9

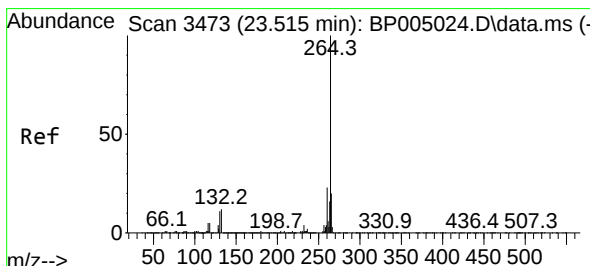
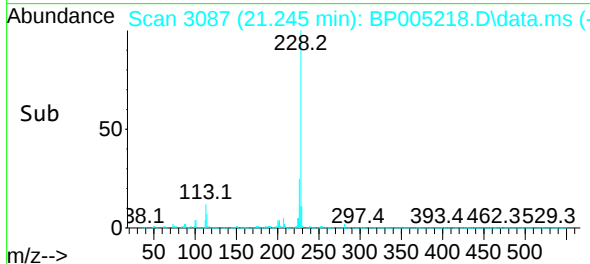
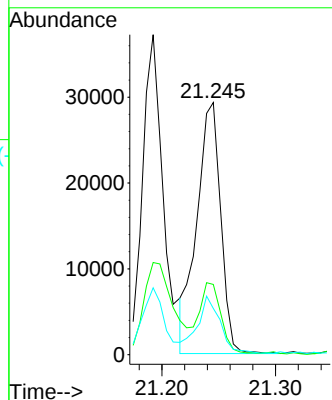
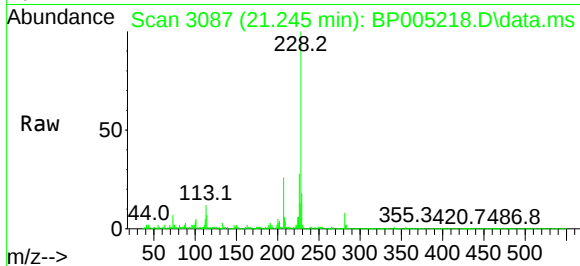




#83
Chrysene
Concen: 6.24 ng
RT: 21.245 min Scan# 3087
Delta R.T. -0.006 min
Lab File: BP005218.D
Acq: 07 Apr 2021 13:41

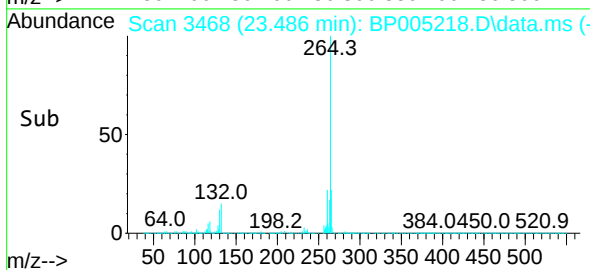
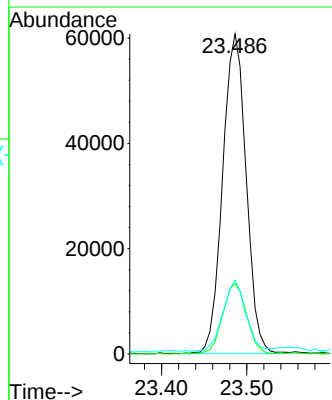
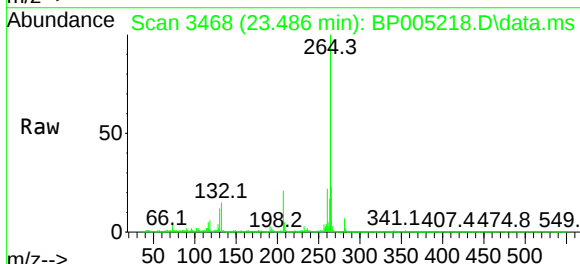
Instrument :
BNA_P
ClientSampled :
S-1

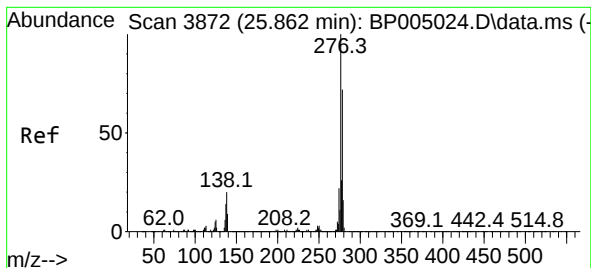
Tgt Ion:	228	Resp:	42942
Ion Ratio	Lower	Upper	
228	100		
226	27.8	24.4	36.6
229	18.3	15.8	23.6



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.486 min Scan# 3468
Delta R.T. -0.006 min
Lab File: BP005218.D
Acq: 07 Apr 2021 13:41

Tgt Ion:	264	Resp:	116398
Ion Ratio	Lower	Upper	
264	100		
260	22.0	18.8	28.2
265	23.1	17.4	26.2

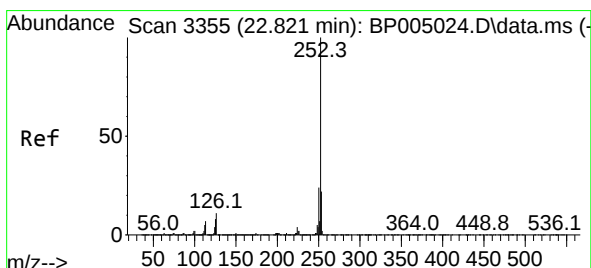
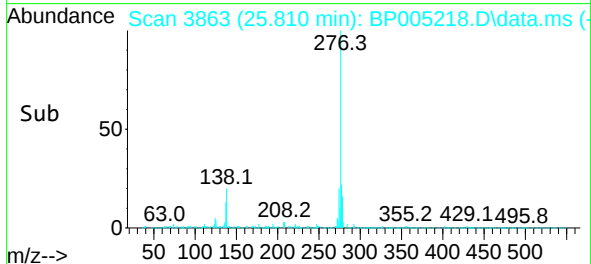
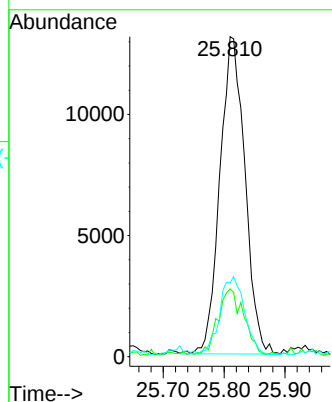
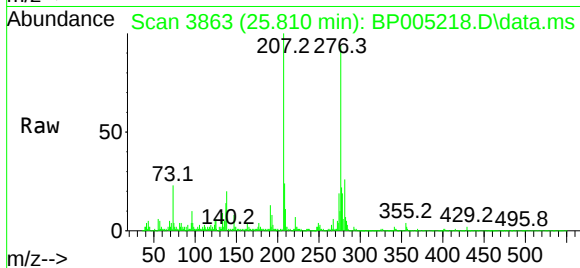




#87
Indeno(1,2,3-cd)pyrene
Concen: 4.29 ng
RT: 25.810 min Scan# 3863
Delta R.T. -0.029 min
Lab File: BP005218.D
Acq: 07 Apr 2021 13:41

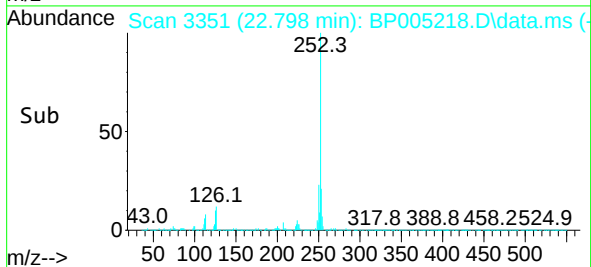
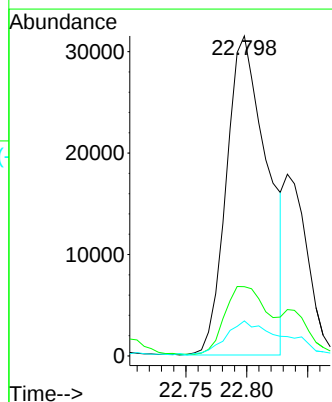
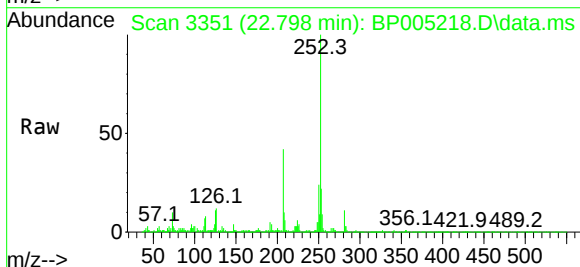
Instrument :
BNA_P
ClientSampled :
S-1

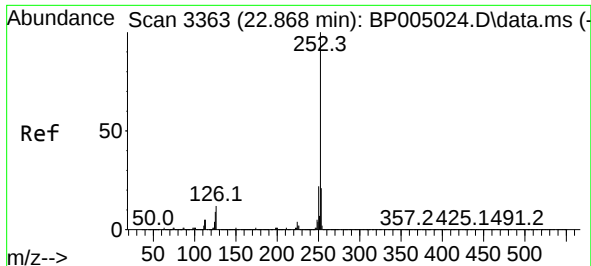
Tgt Ion:276 Resp: 37411
Ion Ratio Lower Upper
276 100
138 21.1 18.7 28.1
277 24.5 20.4 30.6



#88
Benzo(b)fluoranthene
Concen: 8.88 ng
RT: 22.798 min Scan# 3351
Delta R.T. -0.006 min
Lab File: BP005218.D
Acq: 07 Apr 2021 13:41

Tgt Ion:252 Resp: 73423
Ion Ratio Lower Upper
252 100
253 21.7 17.6 26.4
125 11.0 7.3 10.9#

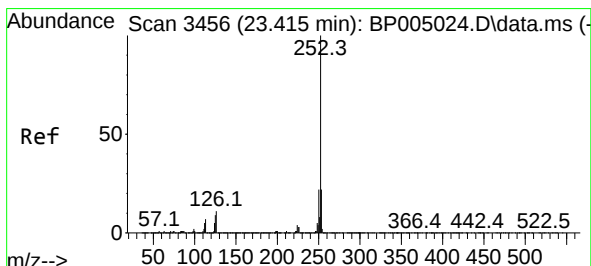
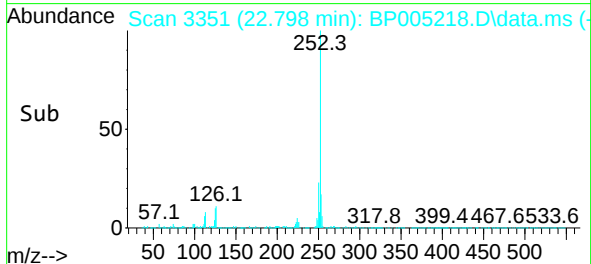
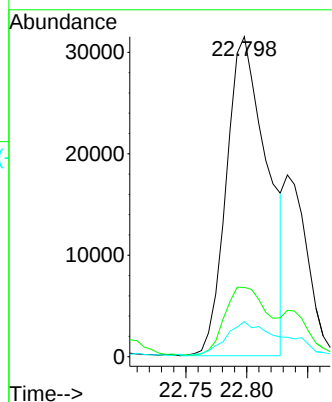
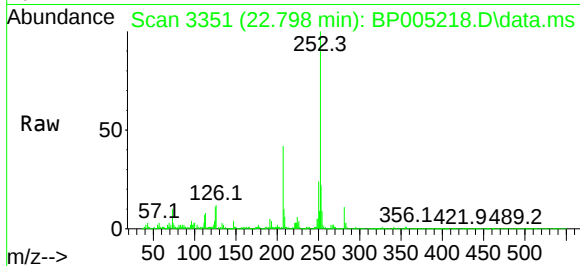




#89
Benzo(k)fluoranthene
Concen: 9.27 ng
RT: 22.798 min Scan# 3351
Delta R.T. -0.053 min
Lab File: BP005218.D
Acq: 07 Apr 2021 13:41

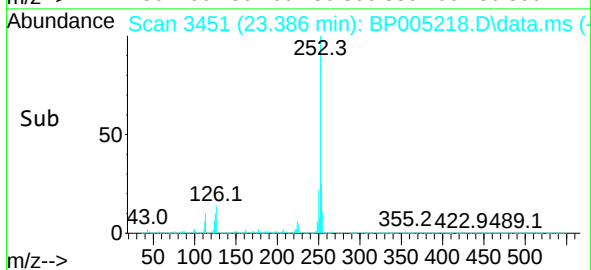
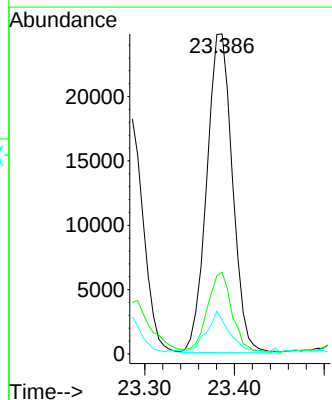
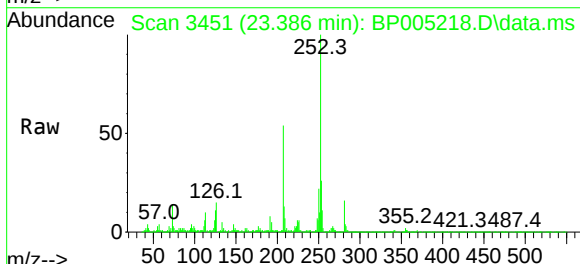
Instrument :
BNA_P
ClientSampled :
S-1

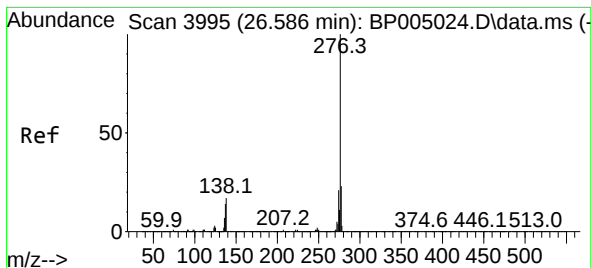
Tgt Ion:252 Resp: 73423
Ion Ratio Lower Upper
252 100
253 21.7 17.8 26.8
125 11.0 7.4 11.2



#90
Benzo(a)pyrene
Concen: 6.65 ng
RT: 23.386 min Scan# 3451
Delta R.T. -0.006 min
Lab File: BP005218.D
Acq: 07 Apr 2021 13:41

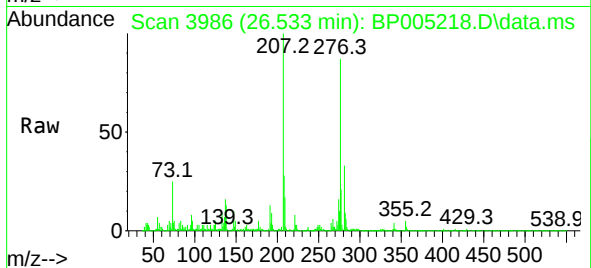
Tgt Ion:252 Resp: 49315
Ion Ratio Lower Upper
252 100
253 25.5 17.4 26.0
125 10.6 8.2 12.4





#92
 Benzo(g,h,i)perylene
 Concen: 4.73 ng
 RT: 26.533 min Scan# 3986
 Delta R.T. -0.017 min
 Lab File: BP005218.D
 Acq: 07 Apr 2021 13:41

Instrument :
 BNA_P
 ClientSampleId :
 S-1



Tgt Ion:	276	Resp:	34461
Ion Ratio	Lower	Upper	
276	100		
277	23.8	19.0	28.6
138	15.2	16.6	24.8#

