

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092521\
 Data File : BP007197.D
 Acq On : 25 Sep 2021 21:15
 Operator : CG/JU
 Sample : M3907-01 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Sep 26 02:16:45 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 23 11:17:25 2021
 Response via : Initial Calibration

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

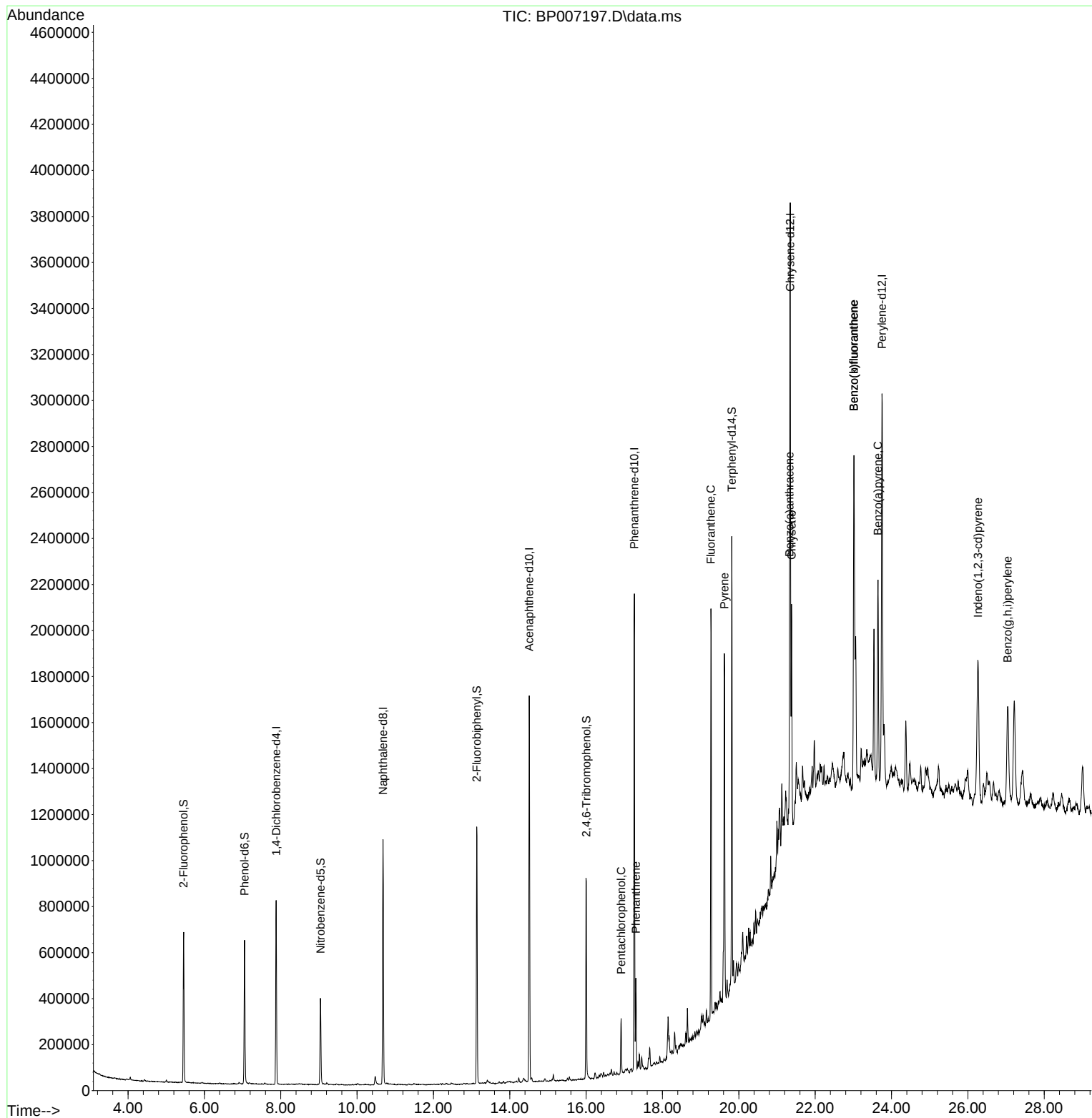
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.881	152	228075	20.000	ng	-0.01
21) Naphthalene-d8	10.681	136	916112	20.000	ng	#-0.01
39) Acenaphthene-d10	14.510	164	594774	20.000	ng	-0.02
64) Phenanthrene-d10	17.263	188	1248980	20.000	ng	-0.01
76) Chrysene-d12	21.345	240	1179453	20.000	ng	-0.01
86) Perylene-d12	23.751	264	1276104	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.458	112	310285	22.773	ng	0.00
7) Phenol-d6	7.052	99	389188	20.899	ng	-0.01
23) Nitrobenzene-d5	9.040	82	224864	14.294	ng	-0.02
42) 2,4,6-Tribromophenol	16.004	330	182170	23.625	ng	-0.01
45) 2-Fluorobiphenyl	13.134	172	616653	14.853	ng	-0.02
79) Terphenyl-d14	19.816	244	915534	14.875	ng	-0.02
Target Compounds						
						Qvalue
70) Pentachlorophenol	16.916	266	44380	4.724	ng	98
71) Phenanthrene	17.304	178	211574	3.159	ng	99
75) Fluoranthene	19.269	202	1073108	13.908	ng	97
78) Pyrene	19.622	202	947679	12.247	ng	99
81) Benzo(a)anthracene	21.328	228	433996	5.669	ng	98
83) Chrysene	21.380	228	612355	8.369	ng	96
87) Indeno(1,2,3-cd)pyrene	26.268	276	597693	6.517	ng	99
88) Benzo(b)fluoranthene	23.016	252	1052462	13.801	ng	# 97
89) Benzo(k)fluoranthene	23.016	252	1052462	13.630	ng	# 96
90) Benzo(a)pyrene	23.645	252	586884	9.058	ng	# 95
92) Benzo(g,h,i)perylene	27.045	276	622356	8.298	ng	# 95

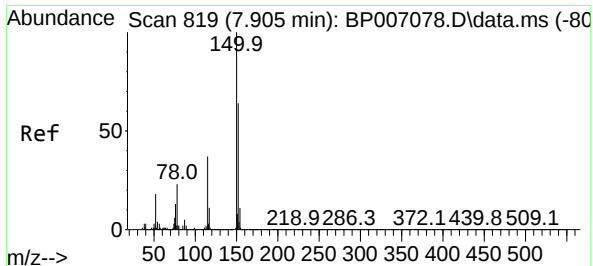
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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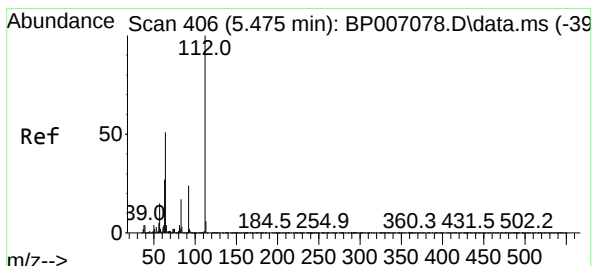
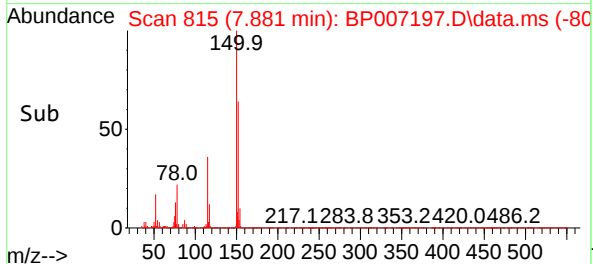
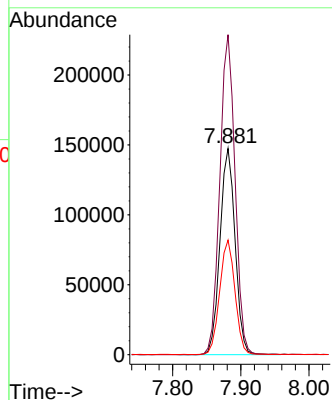
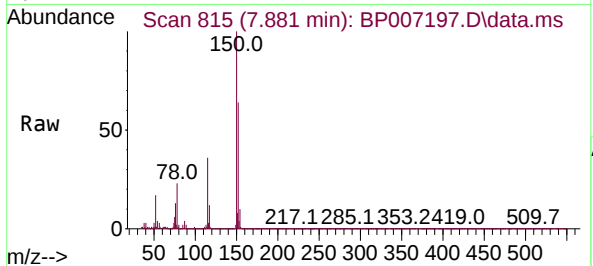




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.881 min Scan# 815
Delta R.T. -0.012 min
Lab File: BP007197.D
Acq: 25 Sep 2021 21:15

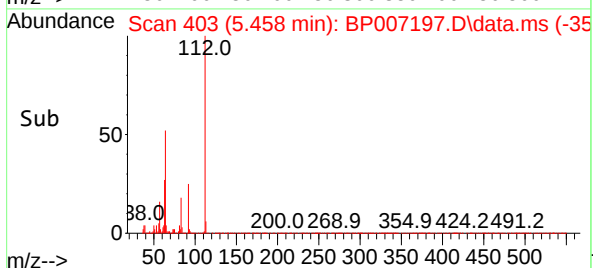
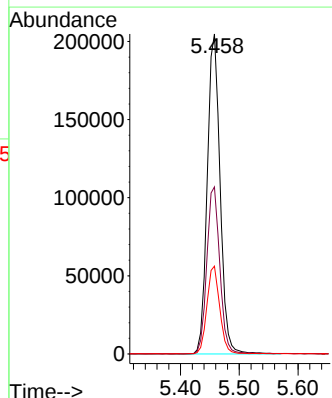
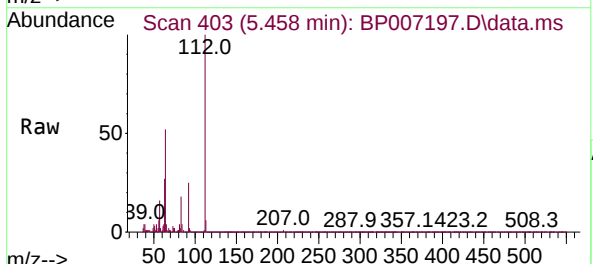
Instrument :
BNA_P
ClientSampleId :

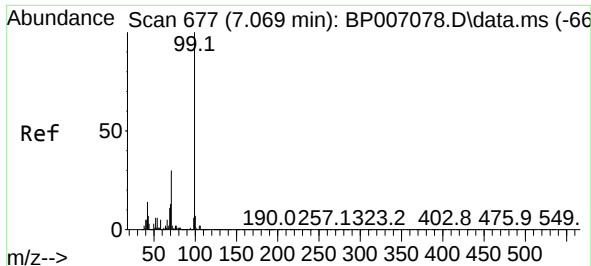
Tgt Ion:152 Resp: 228075
Ion Ratio Lower Upper
152 100
150 155.1 125.6 188.4
115 55.6 48.5 72.7



#5
2-Fluorophenol
Concen: 22.773 ng
RT: 5.458 min Scan# 403
Delta R.T. -0.006 min
Lab File: BP007197.D
Acq: 25 Sep 2021 21:15

Tgt Ion:112 Resp: 310285
Ion Ratio Lower Upper
112 100
64 52.2 41.4 62.2
63 27.5 23.8 35.8

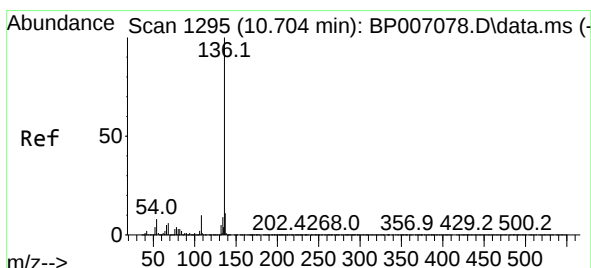
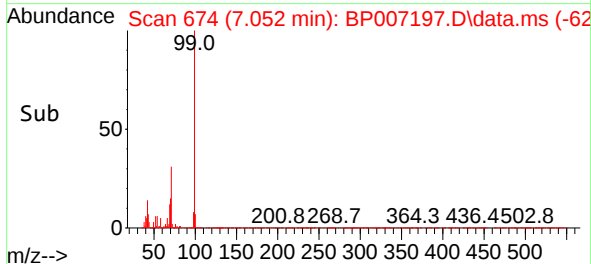
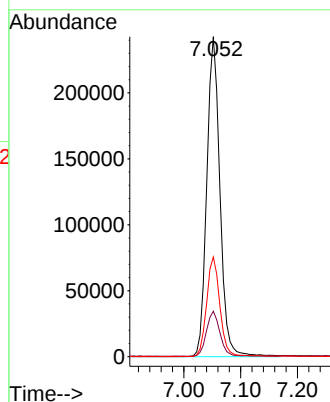
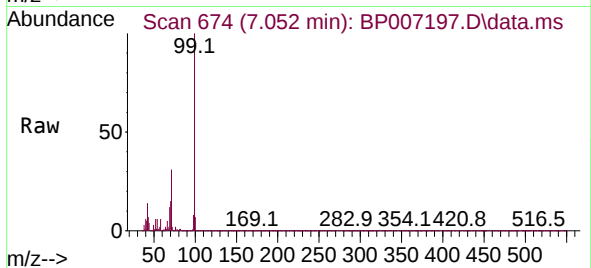




#7
Phenol-d6
Concen: 20.899 ng
RT: 7.052 min Scan# 674
Delta R.T. -0.012 min
Lab File: BP007197.D
Acq: 25 Sep 2021 21:15

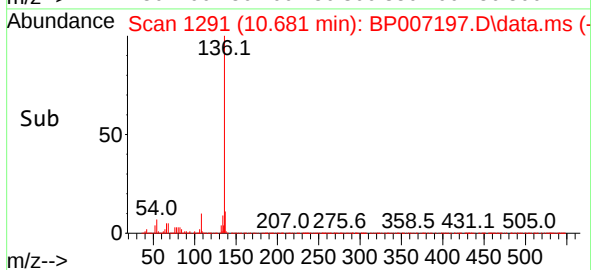
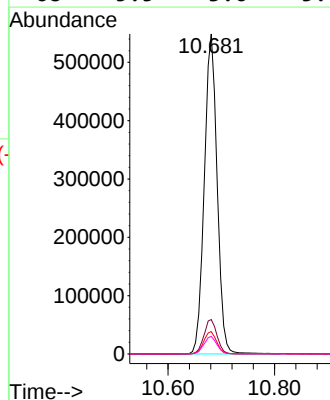
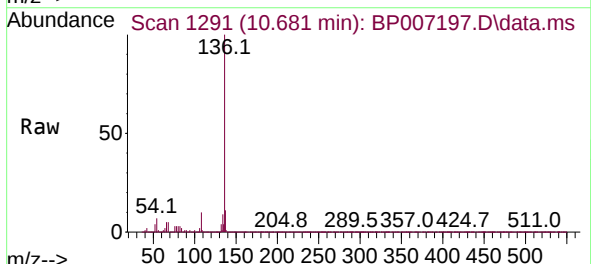
Instrument :
BNA_P
ClientSampleId :

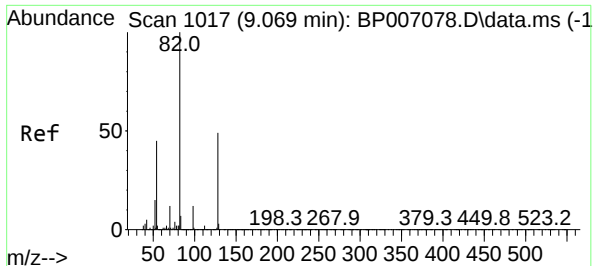
Tgt Ion:	99	Resp:	389188
Ion	Ratio	Lower	Upper
99	100		
42	14.2	13.4	20.0
71	31.1	30.6	46.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.681 min Scan# 1291
Delta R.T. -0.012 min
Lab File: BP007197.D
Acq: 25 Sep 2021 21:15

Tgt Ion:	136	Resp:	916112
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	12.8
54	7.0	4.6	6.8#
68	5.5	3.6	5.4#





#23

Nitrobenzene-d5

Concen: 14.294 ng

RT: 9.040 min Scan# 1012

Delta R.T. -0.018 min

Lab File: BP007197.D

Acq: 25 Sep 2021 21:15

Tgt Ion: 82 Resp: 224864

Ion Ratio Lower Upper

82 100

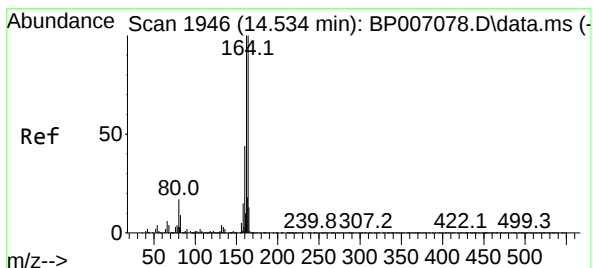
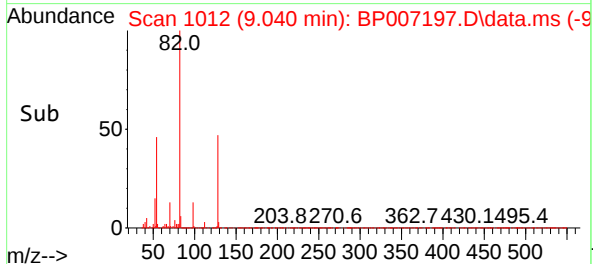
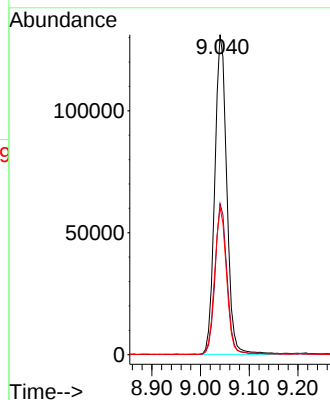
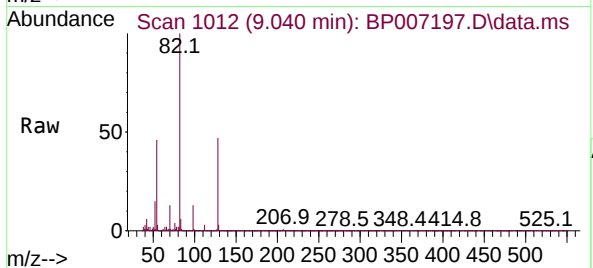
128 47.2 35.7 53.5

54 46.0 35.0 52.4

Instrument :

BNA_P

ClientSampleId :



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.510 min Scan# 1942

Delta R.T. -0.018 min

Lab File: BP007197.D

Acq: 25 Sep 2021 21:15

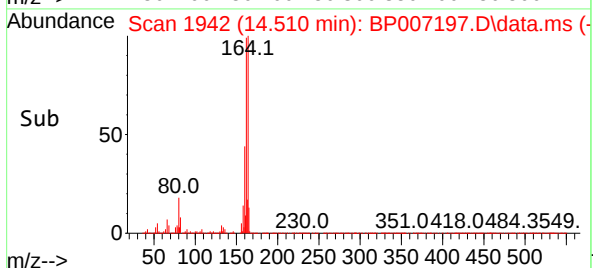
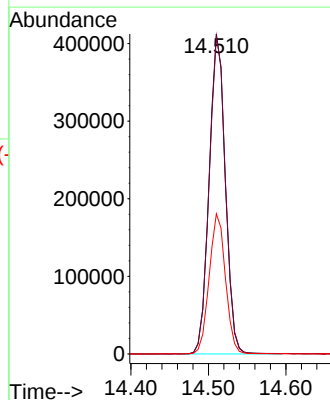
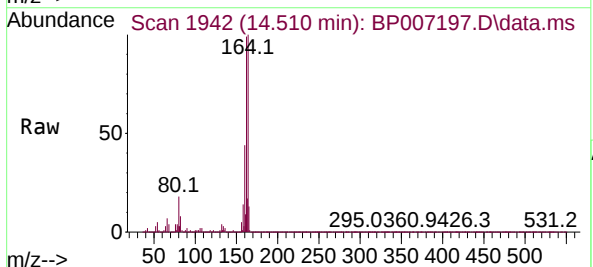
Tgt Ion:164 Resp: 594774

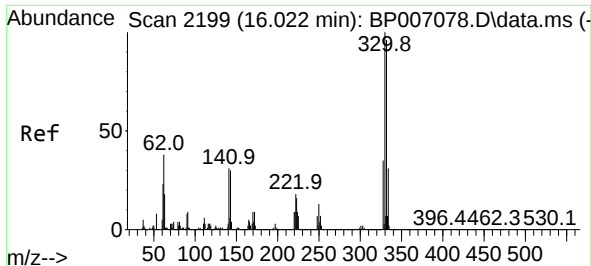
Ion Ratio Lower Upper

164 100

162 99.3 80.2 120.2

160 43.8 34.5 51.7

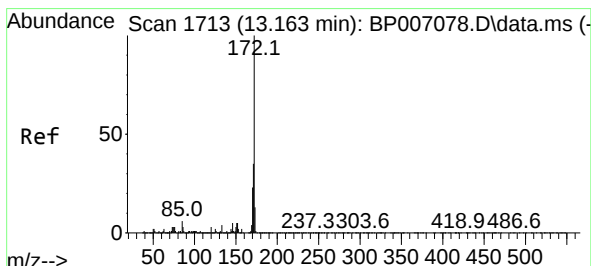
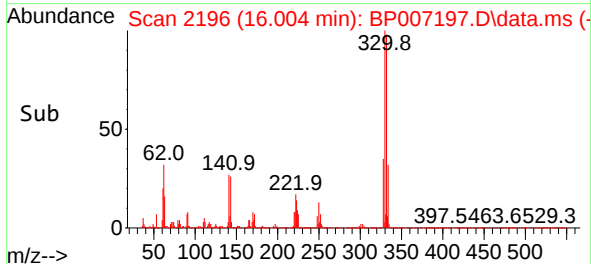
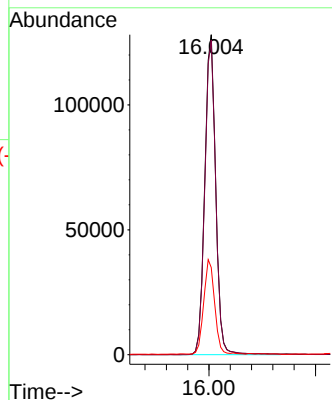
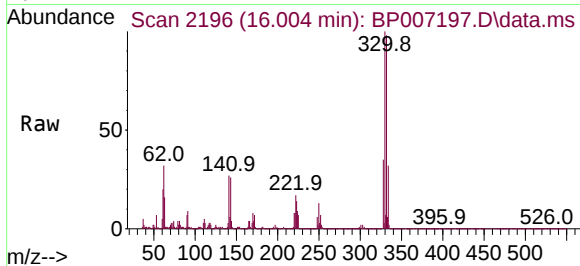




#42
2,4,6-Tribromophenol
Concen: 23.625 ng
RT: 16.004 min Scan# 2196
Delta R.T. -0.012 min
Lab File: BP007197.D
Acq: 25 Sep 2021 21:15

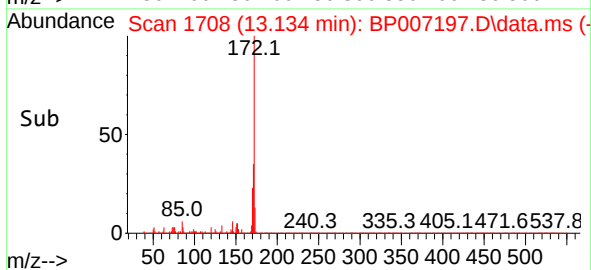
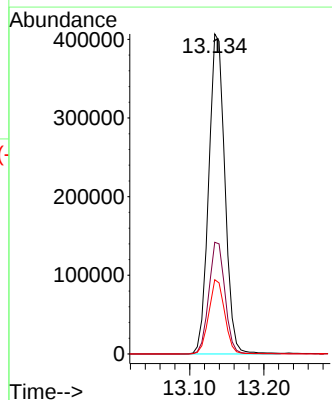
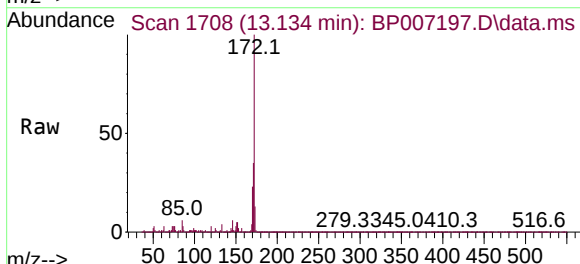
Instrument :
BNA_P
ClientSampleId :

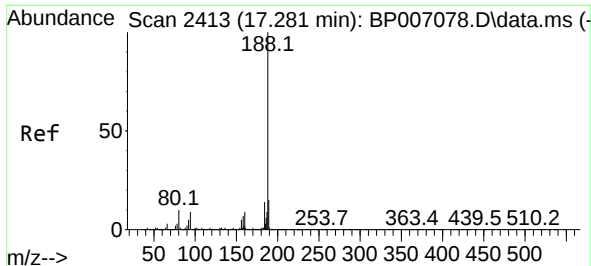
Tgt Ion:330 Resp: 182170
Ion Ratio Lower Upper
330 100
332 98.5 77.8 116.8
141 29.6 25.4 38.2



#45
2-Fluorobiphenyl
Concen: 14.853 ng
RT: 13.134 min Scan# 1708
Delta R.T. -0.018 min
Lab File: BP007197.D
Acq: 25 Sep 2021 21:15

Tgt Ion:172 Resp: 616653
Ion Ratio Lower Upper
172 100
171 34.9 27.9 41.9
170 23.2 18.6 27.8

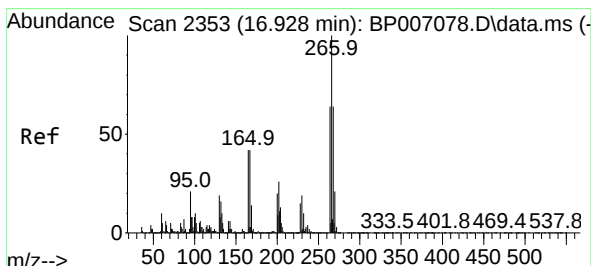
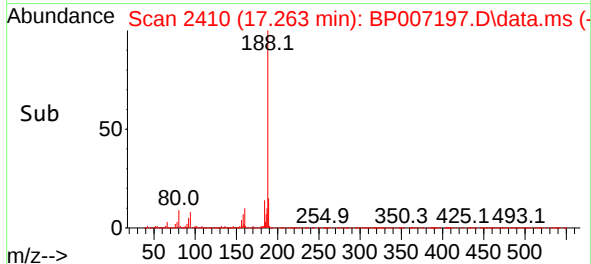
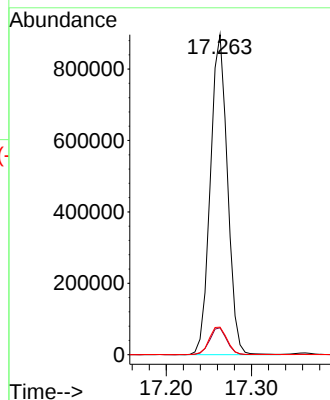
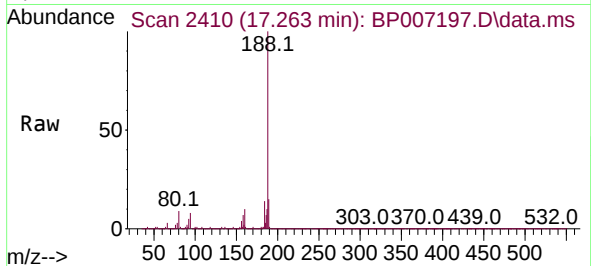




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.263 min Scan# 2410
Delta R.T. -0.012 min
Lab File: BP007197.D
Acq: 25 Sep 2021 21:15

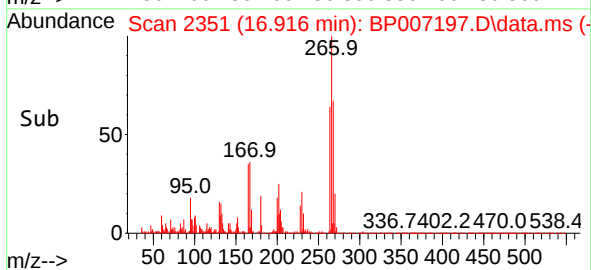
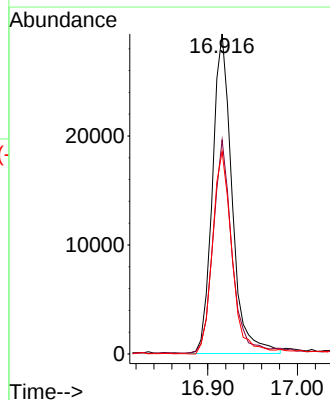
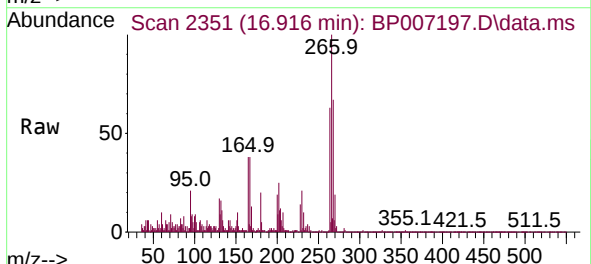
Instrument :
BNA_P
ClientSampleId :

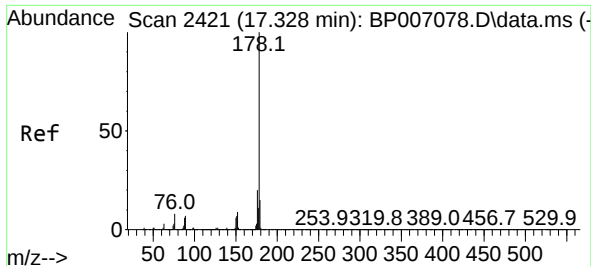
Tgt Ion:188 Resp: 1248980
Ion Ratio Lower Upper
188 100
94 8.4 5.6 8.4
80 8.6 6.3 9.5



#70
Pentachlorophenol
Concen: 4.724 ng
RT: 16.916 min Scan# 2351
Delta R.T. -0.006 min
Lab File: BP007197.D
Acq: 25 Sep 2021 21:15

Tgt Ion:266 Resp: 44380
Ion Ratio Lower Upper
266 100
268 66.9 51.6 77.4
264 63.2 50.3 75.5

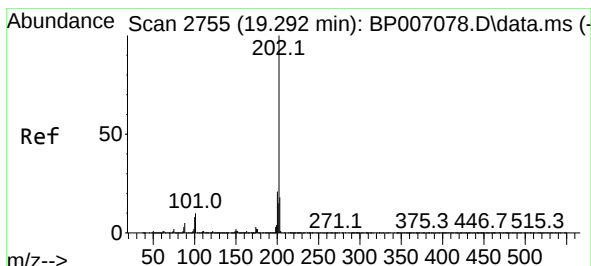
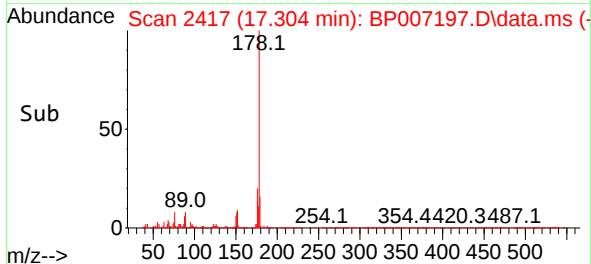
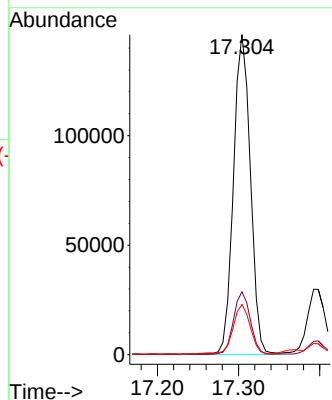
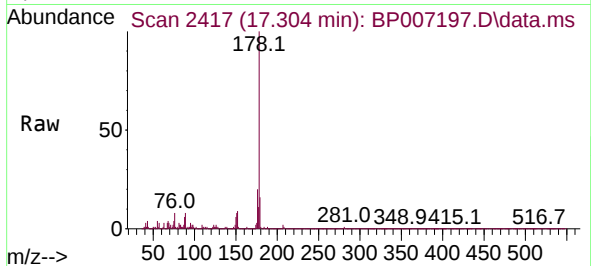




#71
Phenanthrene
Concen: 3.159 ng
RT: 17.304 min Scan# 2417
Delta R.T. -0.012 min
Lab File: BP007197.D
Acq: 25 Sep 2021 21:15

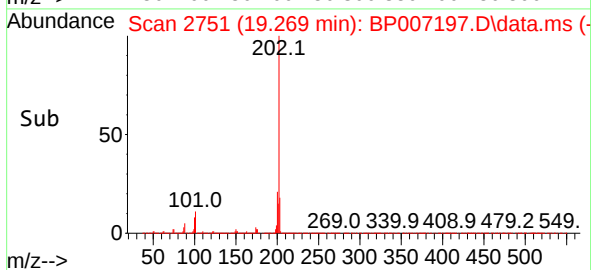
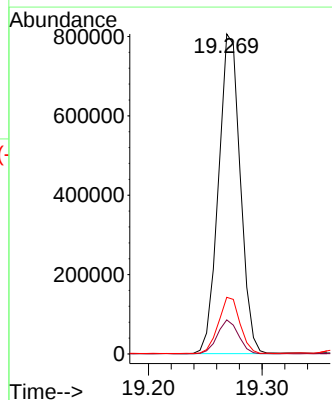
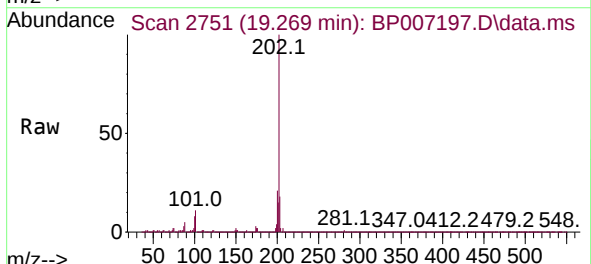
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BNA_P
ClientSampleId :

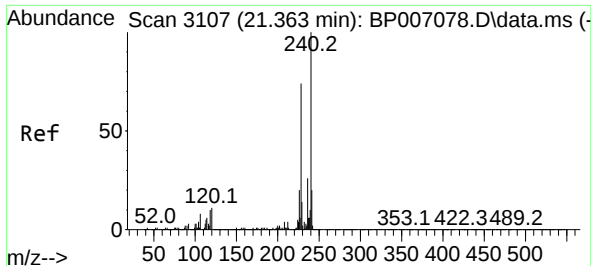
Tgt Ion:178 Resp: 211574
Ion Ratio Lower Upper
178 100
176 19.7 15.1 22.7
179 15.7 12.4 18.6



#75
Fluoranthene
Concen: 13.908 ng
RT: 19.269 min Scan# 2751
Delta R.T. -0.012 min
Lab File: BP007197.D
Acq: 25 Sep 2021 21:15

Tgt Ion:202 Resp: 1073108
Ion Ratio Lower Upper
202 100
101 10.7 0.0 27.6
203 17.7 0.0 37.8

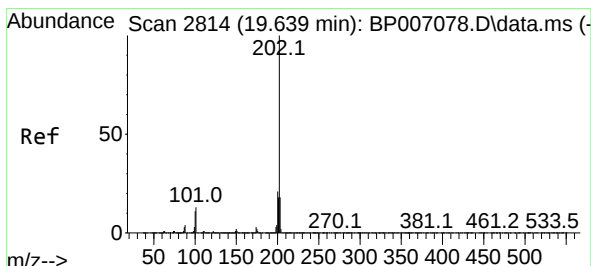
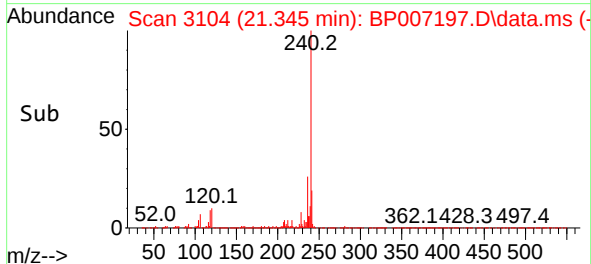
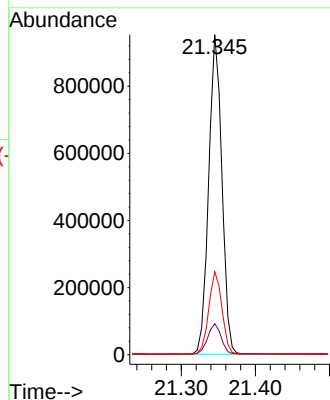
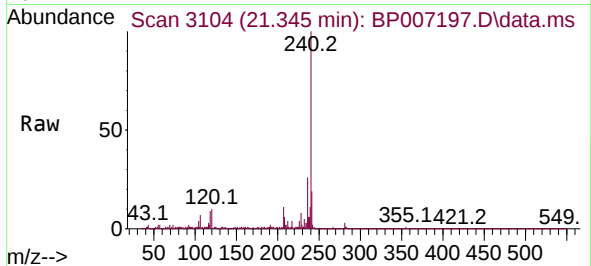




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.345 min Scan# 3104
Delta R.T. -0.012 min
Lab File: BP007197.D
Acq: 25 Sep 2021 21:15

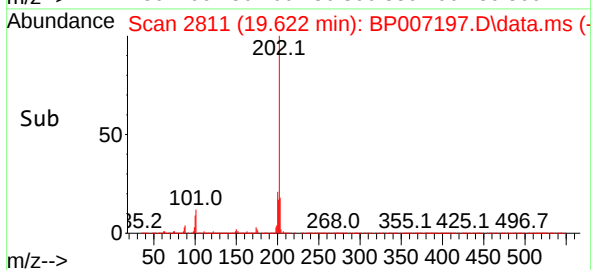
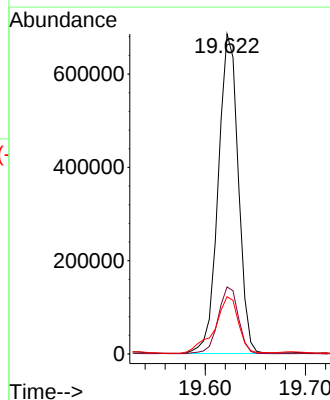
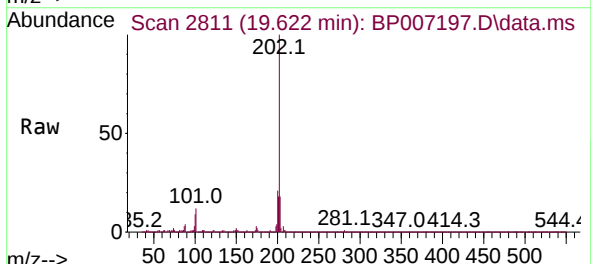
Instrument :
BNA_P
ClientSampleId :

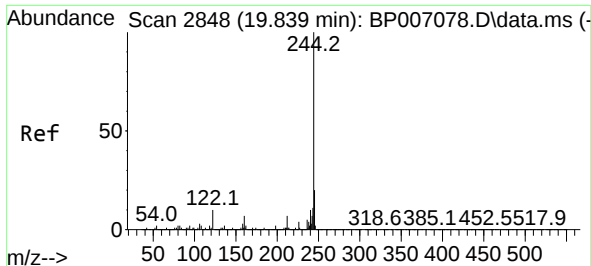
Tgt Ion:240 Resp: 1179453
Ion Ratio Lower Upper
240 100
120 9.7 6.5 9.7
236 26.0 20.6 31.0



#78
Pyrene
Concen: 12.247 ng
RT: 19.622 min Scan# 2811
Delta R.T. -0.012 min
Lab File: BP007197.D
Acq: 25 Sep 2021 21:15

Tgt Ion:202 Resp: 947679
Ion Ratio Lower Upper
202 100
200 20.9 16.3 24.5
203 17.9 14.2 21.2

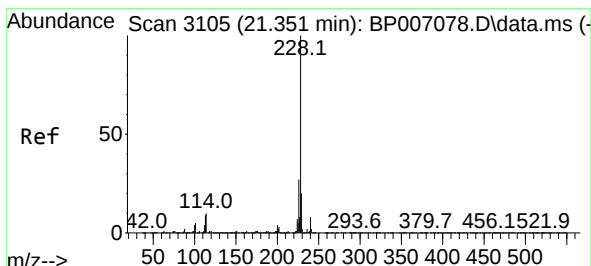
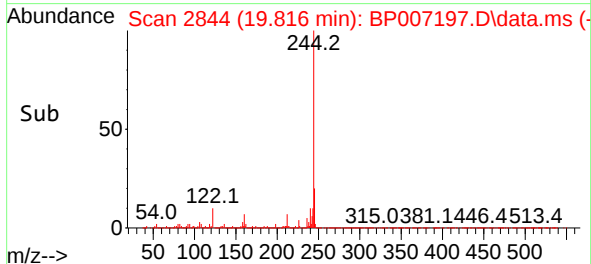
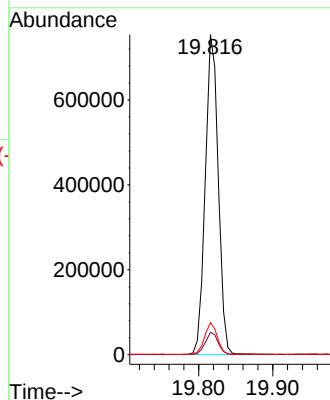
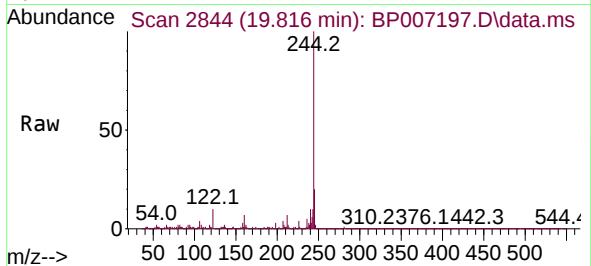




#79
 Terphenyl-d14
 Concen: 14.875 ng
 RT: 19.816 min Scan# 2844
 Delta R.T. -0.018 min
 Lab File: BP007197.D
 Acq: 25 Sep 2021 21:15

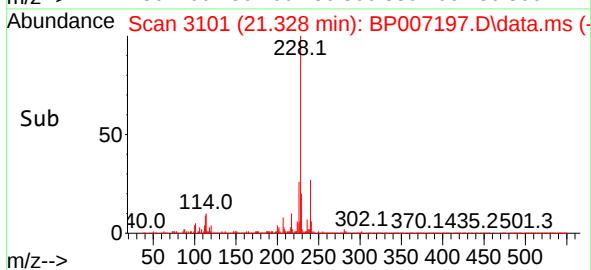
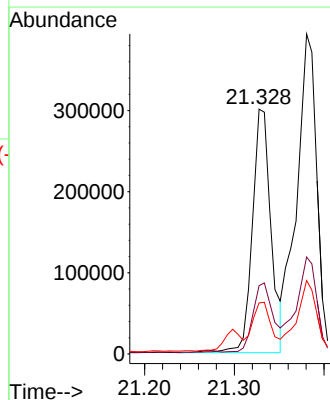
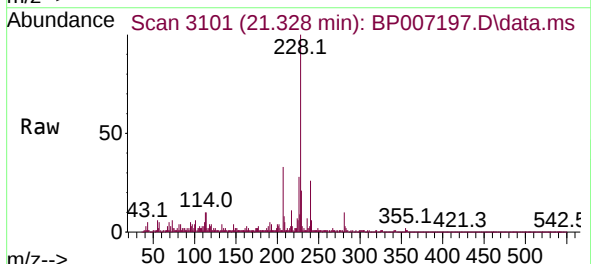
Instrument :
 BNA_P
 ClientSampleId :

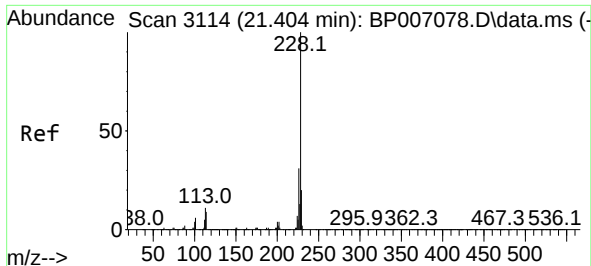
Tgt Ion:244 Resp: 915534
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 10.0 7.1 10.7



#81
 Benzo(a)anthracene
 Concen: 5.669 ng
 RT: 21.328 min Scan# 3101
 Delta R.T. -0.018 min
 Lab File: BP007197.D
 Acq: 25 Sep 2021 21:15

Tgt Ion:228 Resp: 433996
 Ion Ratio Lower Upper
 228 100
 226 27.9 21.6 32.4
 229 20.9 15.8 23.6

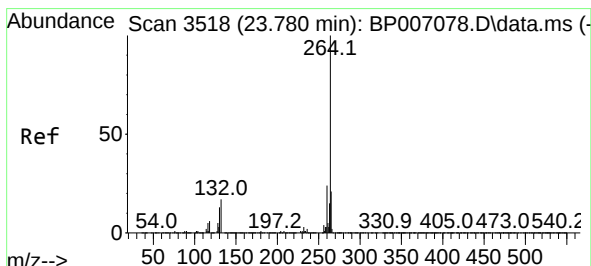
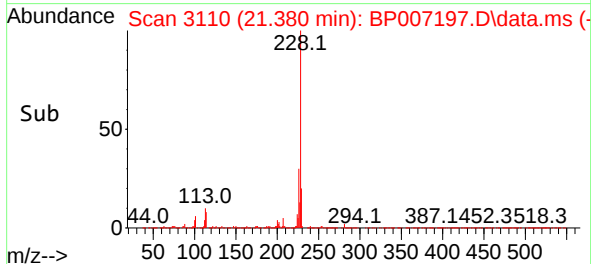
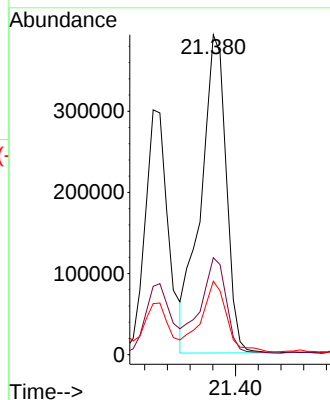
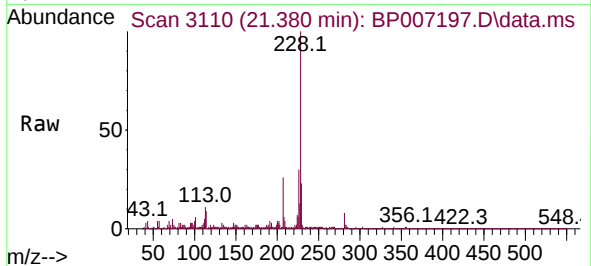




#83
Chrysene
Concen: 8.369 ng
RT: 21.380 min Scan# 3110
Delta R.T. -0.018 min
Lab File: BP007197.D
Acq: 25 Sep 2021 21:15

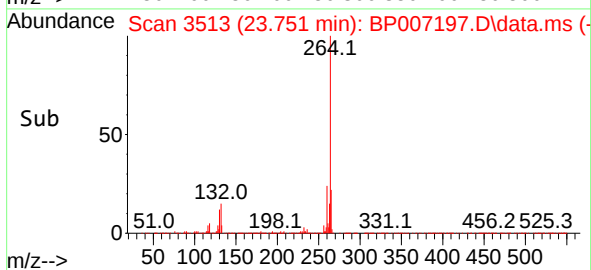
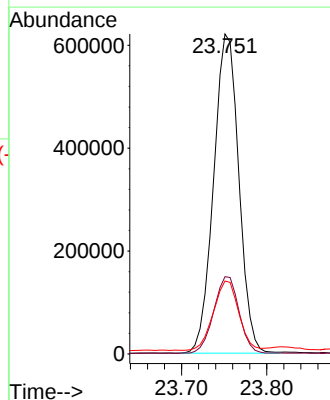
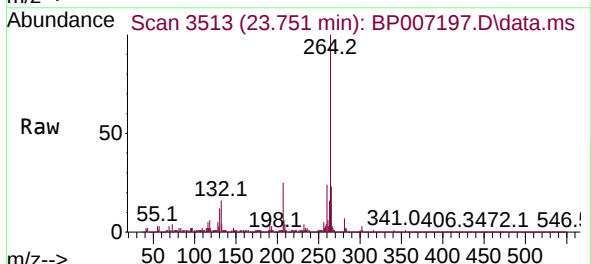
Instrument :
BNA_P
ClientSampled :

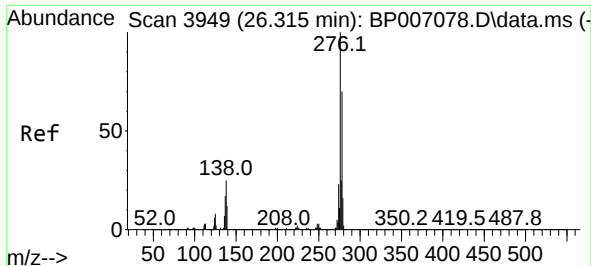
Tgt Ion:	228	Resp:	612355
Ion Ratio	Lower	Upper	
228	100		
226	30.3	23.8	35.6
229	22.9	15.4	23.2



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.751 min Scan# 3513
Delta R.T. -0.018 min
Lab File: BP007197.D
Acq: 25 Sep 2021 21:15

Tgt Ion:	264	Resp:	1276104
Ion Ratio	Lower	Upper	
264	100		
260	24.1	18.6	28.0
265	22.8	17.6	26.4

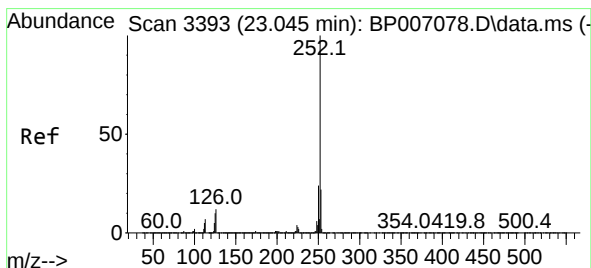
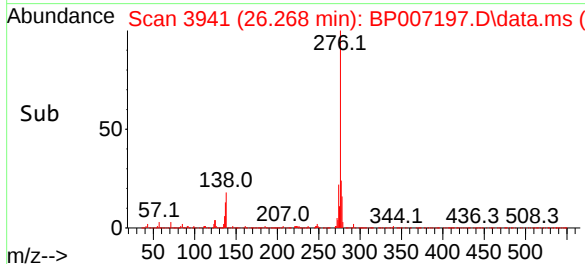
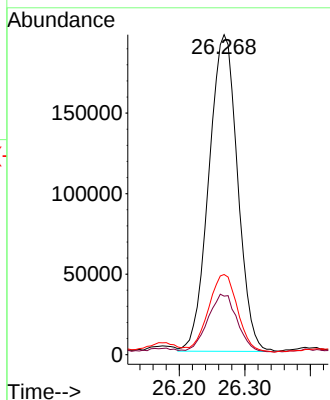
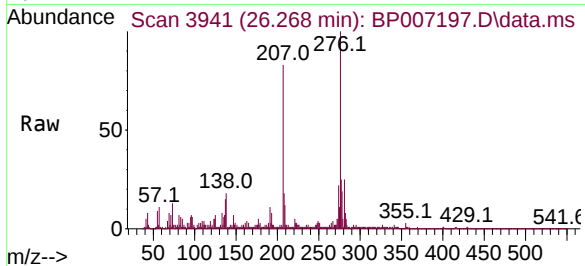




#87
Indeno(1,2,3-cd)pyrene
Concen: 6.517 ng
RT: 26.268 min Scan# 3941
Delta R.T. -0.035 min
Lab File: BP007197.D
Acq: 25 Sep 2021 21:15

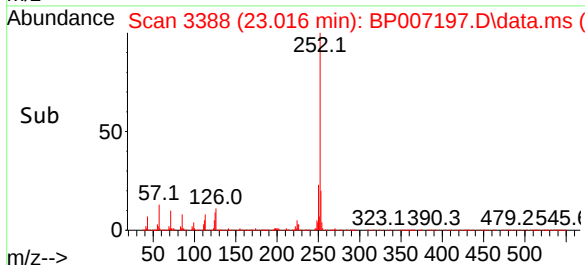
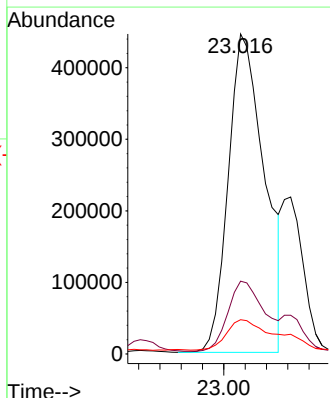
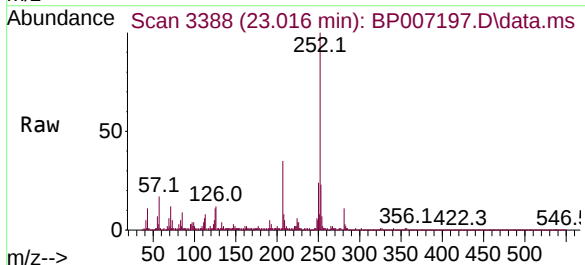
Instrument :
BNA_P
ClientSampleId :

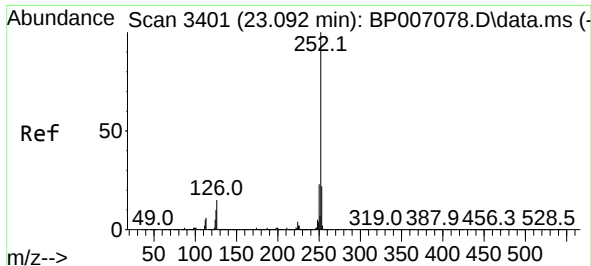
Tgt Ion:	276	Resp:	597693
Ion Ratio	Lower	Upper	
276	100		
138	18.6	15.3	22.9
277	24.8	20.4	30.6



#88
Benzo(b)fluoranthene
Concen: 13.801 ng
RT: 23.016 min Scan# 3388
Delta R.T. -0.018 min
Lab File: BP007197.D
Acq: 25 Sep 2021 21:15

Tgt Ion:	252	Resp:	1052462
Ion Ratio	Lower	Upper	
252	100		
253	22.7	17.5	26.3
125	10.7	6.2	9.4#

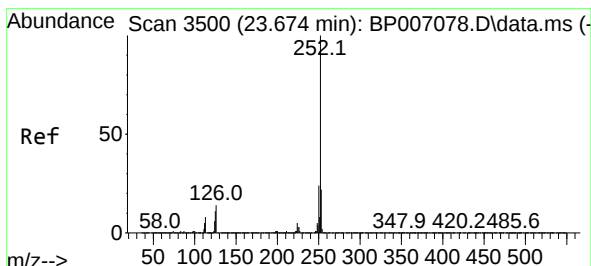
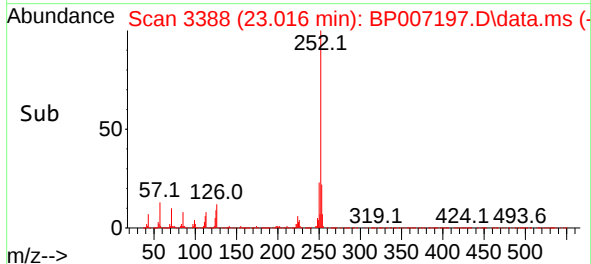
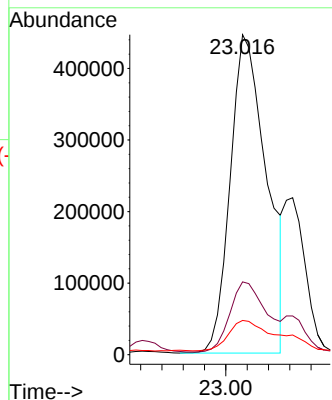
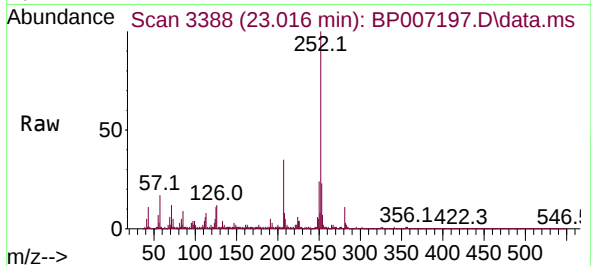




#89
Benzo(k)fluoranthene
Concen: 13.630 ng
RT: 23.016 min Scan# 3388
Delta R.T. -0.071 min
Lab File: BP007197.D
Acq: 25 Sep 2021 21:15

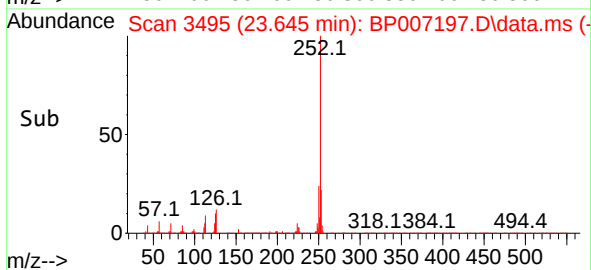
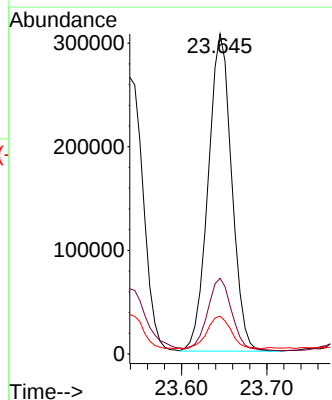
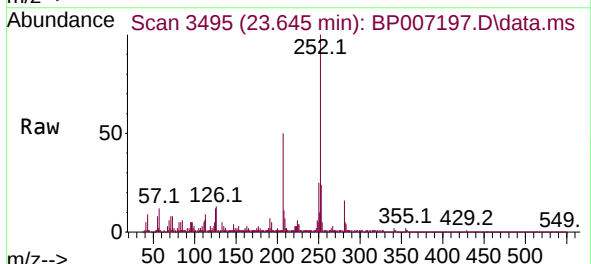
Instrument :
BNA_P
ClientSampleId :

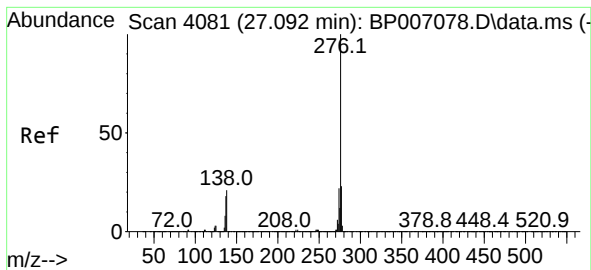
Tgt Ion:252 Resp: 1052462
Ion Ratio Lower Upper
252 100
253 22.7 17.6 26.4
125 10.7 6.0 9.0#



#90
Benzo(a)pyrene
Concen: 9.058 ng
RT: 23.645 min Scan# 3495
Delta R.T. -0.023 min
Lab File: BP007197.D
Acq: 25 Sep 2021 21:15

Tgt Ion:252 Resp: 586884
Ion Ratio Lower Upper
252 100
253 23.6 17.9 26.9
125 11.8 6.5 9.7#





#92
 Benzo(g,h,i)perylene
 Concen: 8.298 ng
 RT: 27.045 min Scan# 4073
 Delta R.T. -0.029 min
 Lab File: BP007197.D
 Acq: 25 Sep 2021 21:15

Instrument :
 BNA_P
 ClientSampleId :

Tgt Ion:276 Resp: 622356
 Ion Ratio Lower Upper
 276 100
 277 24.3 18.9 28.3
 138 19.8 12.6 18.8#

