

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092921\
 Data File : BP007253.D
 Acq On : 29 Sep 2021 19:20
 Operator : CG/JU
 Sample : M3971-01 5X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 RO-COMP-1

Quant Time: Sep 30 02:42:48 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 29 14:45:49 2021
 Response via : Initial Calibration

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

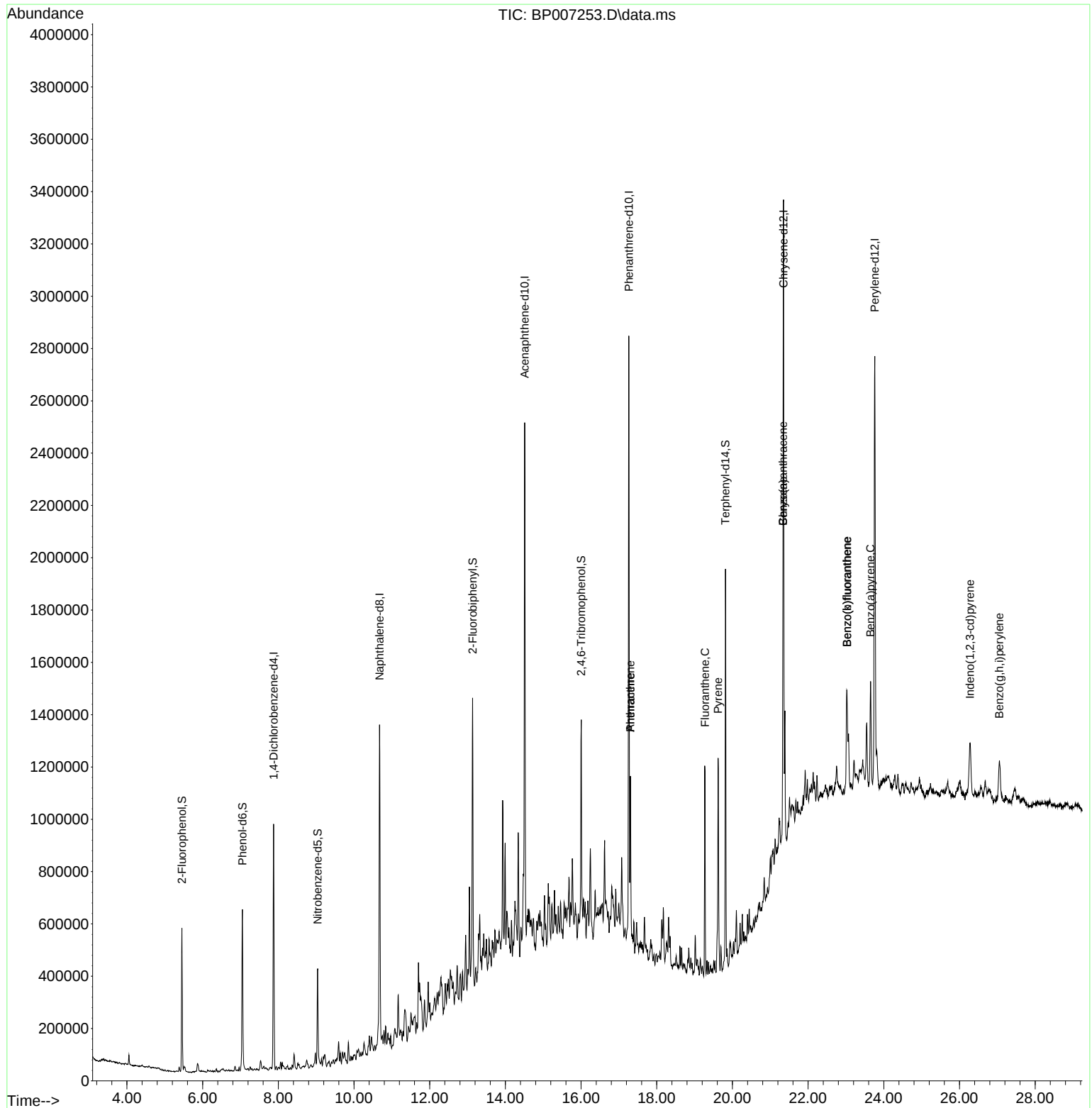
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.875	152	265802	20.000	ng	0.00
21) Naphthalene-d8	10.675	136	1049510	20.000	ng	# 0.00
39) Acenaphthene-d10	14.510	164	670135	20.000	ng	0.00
64) Phenanthrene-d10	17.263	188	1342368	20.000	ng	# 0.00
76) Chrysene-d12	21.351	240	1173143	20.000	ng	0.00
86) Perylene-d12	23.763	264	1278930	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.452	112	252089	15.876	ng	0.00
7) Phenol-d6	7.052	99	392545	18.088	ng	0.00
23) Nitrobenzene-d5	9.040	82	228376	12.672	ng	0.00
42) 2,4,6-Tribromophenol	16.004	330	164573	18.943	ng	0.00
45) 2-Fluorobiphenyl	13.134	172	567541	12.133	ng	0.00
79) Terphenyl-d14	19.816	244	717424	11.719	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	17.304	178	380436	5.286	ng	97
72) Anthracene	17.304	178	380436	5.403	ng	96
75) Fluoranthene	19.275	202	477310	5.756	ng	98
78) Pyrene	19.622	202	515501	6.698	ng	99
81) Benzo(a)anthracene	21.333	228	301337	3.957	ng	95
83) Chrysene	21.333	228	301337	4.141	ng	96
87) Indeno(1,2,3-cd)pyrene	26.280	276	212574	2.313	ng	100
88) Benzo(b)fluoranthene	23.027	252	382002	4.998	ng	# 93
89) Benzo(k)fluoranthene	23.027	252	382002	4.936	ng	# 93
90) Benzo(a)pyrene	23.651	252	281468	4.335	ng	# 95
92) Benzo(g,h,i)perylene	27.051	276	215555	2.868	ng	97

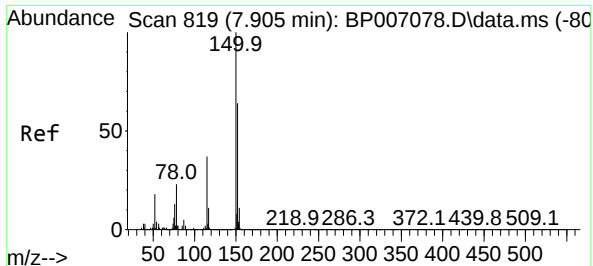
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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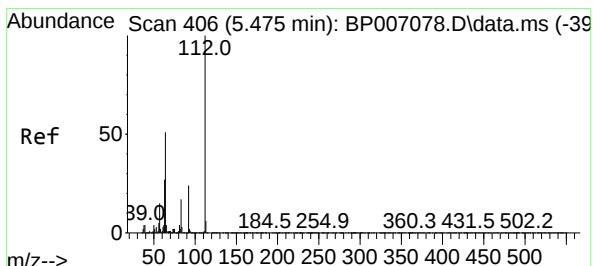
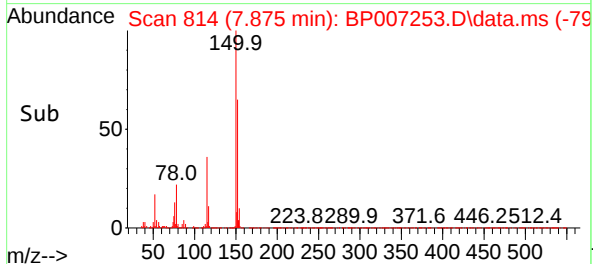
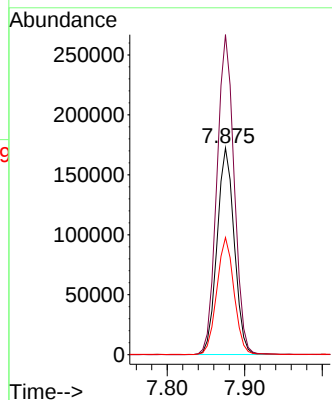
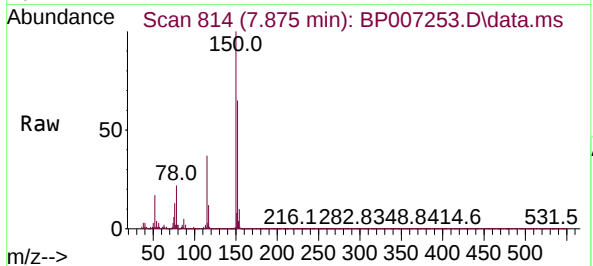




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.875 min Scan# 814
Delta R.T. 0.000 min
Lab File: BP007253.D
Acq: 29 Sep 2021 19:20

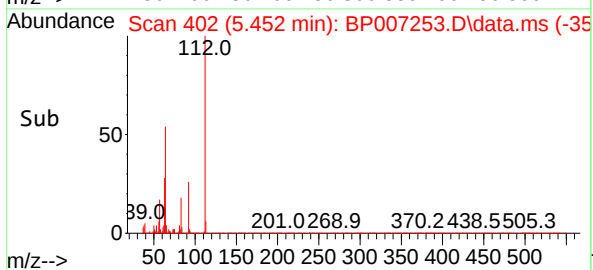
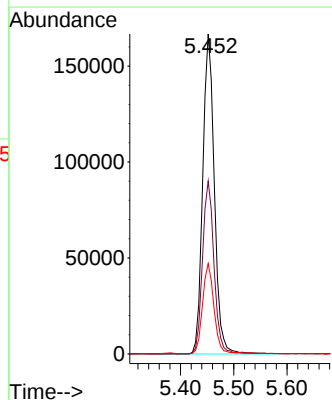
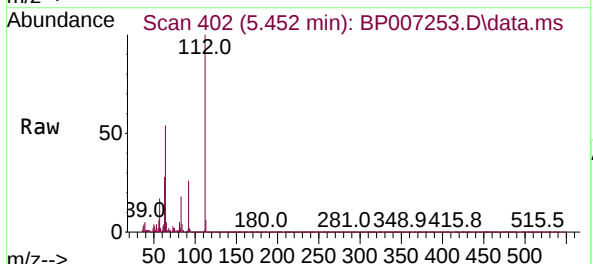
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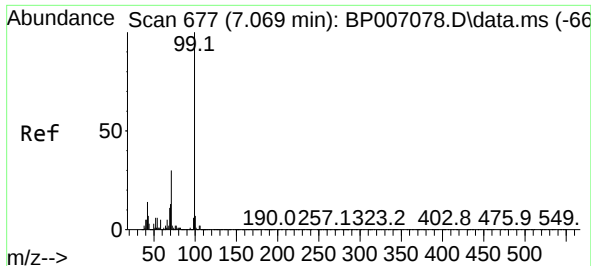
Tgt Ion:152 Resp: 265802
Ion Ratio Lower Upper
152 100
150 154.8 125.6 188.4
115 56.7 48.5 72.7



#5
2-Fluorophenol
Concen: 15.876 ng
RT: 5.452 min Scan# 402
Delta R.T. -0.000 min
Lab File: BP007253.D
Acq: 29 Sep 2021 19:20

Tgt Ion:112 Resp: 252089
Ion Ratio Lower Upper
112 100
64 54.1 41.4 62.2
63 28.2 23.8 35.8

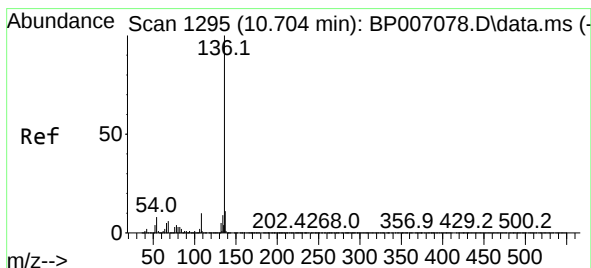
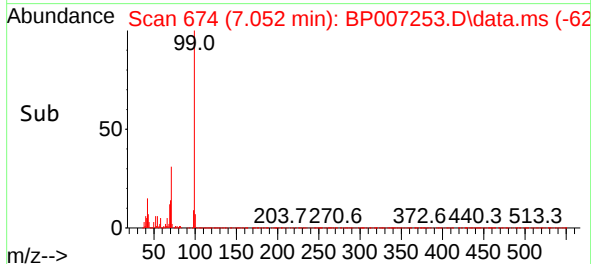
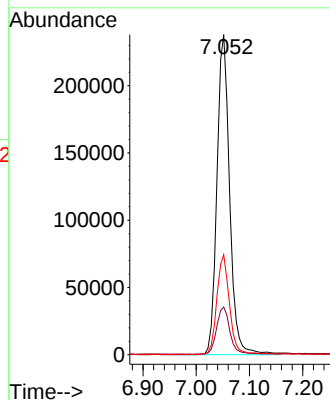
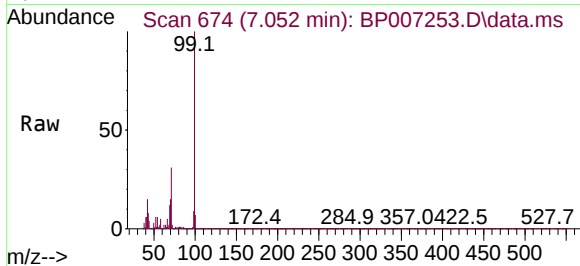




#7
Phenol-d6
Concen: 18.088 ng
RT: 7.052 min Scan# 674
Delta R.T. -0.000 min
Lab File: BP007253.D
Acq: 29 Sep 2021 19:20

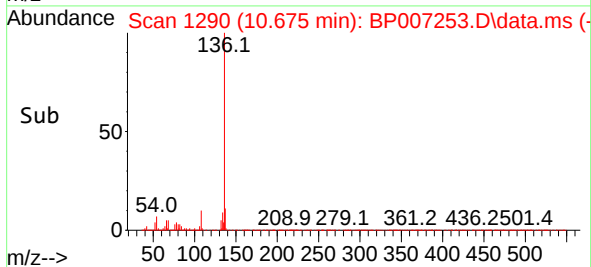
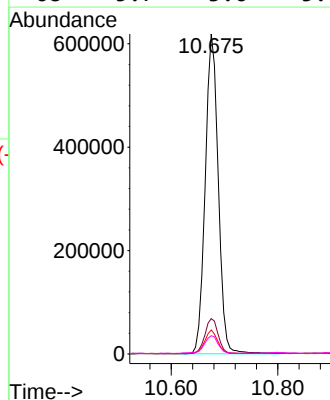
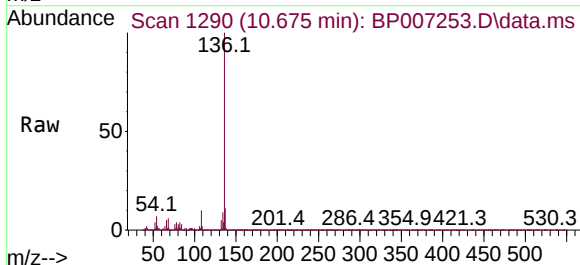
Instrument :
BNA_P
ClientSampleId :
RO-COMP-1

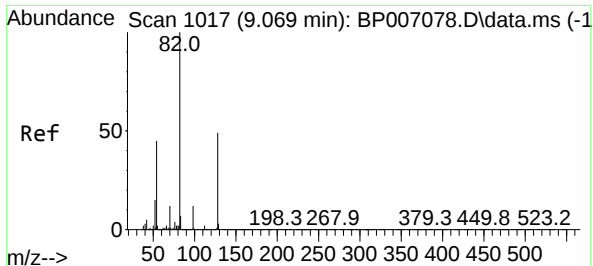
Tgt Ion:	99	Resp:	392545
Ion	Ratio	Lower	Upper
99	100		
42	14.9	13.4	20.0
71	31.3	30.6	46.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.675 min Scan# 1290
Delta R.T. -0.000 min
Lab File: BP007253.D
Acq: 29 Sep 2021 19:20

Tgt Ion:	136	Resp:	1049510
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	12.8
54	7.5	4.6	6.8#
68	5.7	3.6	5.4#





#23

Nitrobenzene-d5

Concen: 12.672 ng

RT: 9.040 min Scan# 1012

Delta R.T. -0.000 min

Lab File: BP007253.D

Acq: 29 Sep 2021 19:20

Tgt Ion: 82 Resp: 228376

Ion Ratio Lower Upper

82 100

128 46.7 35.7 53.5

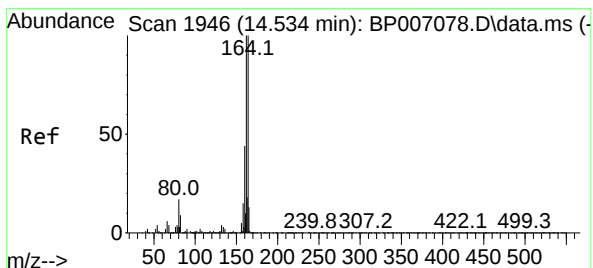
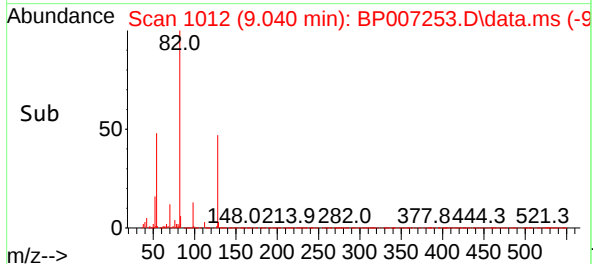
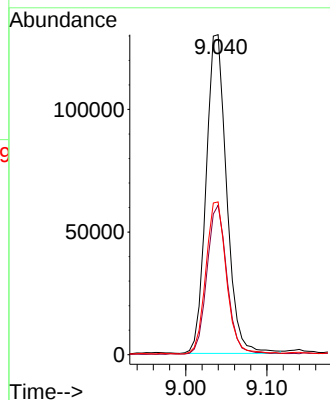
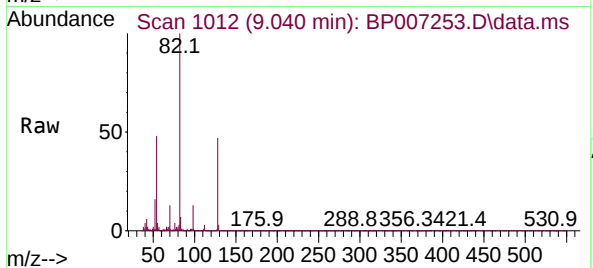
54 47.8 35.0 52.4

Instrument :

BNA_P

ClientSampleId :

RO-COMP-1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.510 min Scan# 1942

Delta R.T. -0.000 min

Lab File: BP007253.D

Acq: 29 Sep 2021 19:20

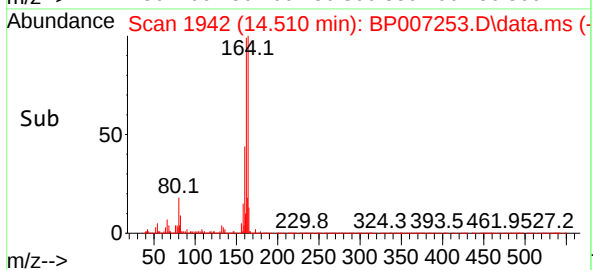
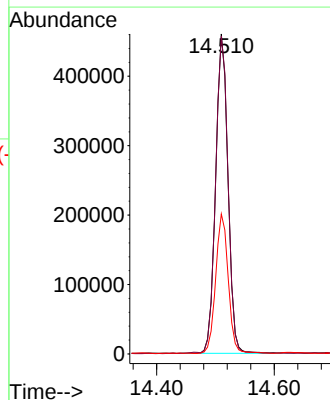
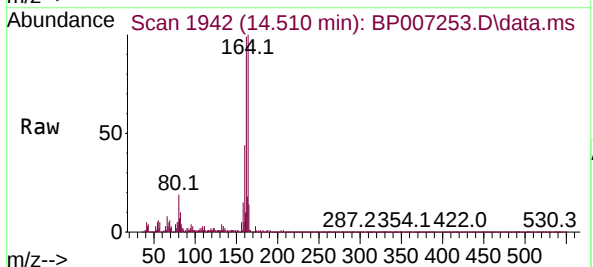
Tgt Ion:164 Resp: 670135

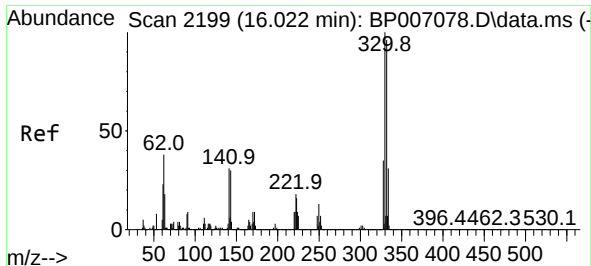
Ion Ratio Lower Upper

164 100

162 99.3 80.2 120.2

160 43.8 34.5 51.7

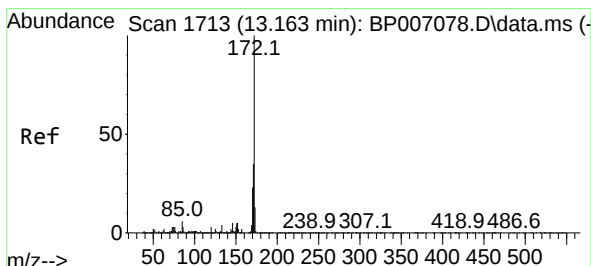
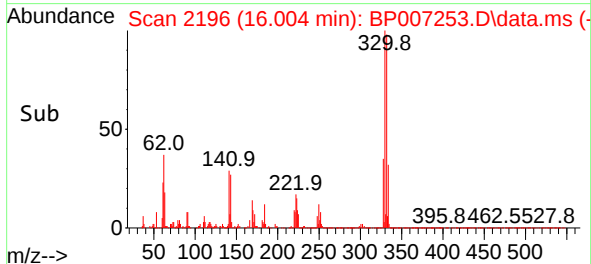
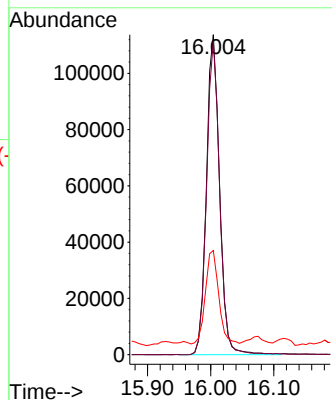
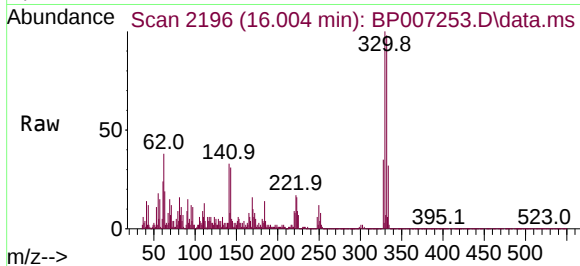




#42
2,4,6-Tribromophenol
Concen: 18.943 ng
RT: 16.004 min Scan# 2196
Delta R.T. -0.000 min
Lab File: BP007253.D
Acq: 29 Sep 2021 19:20

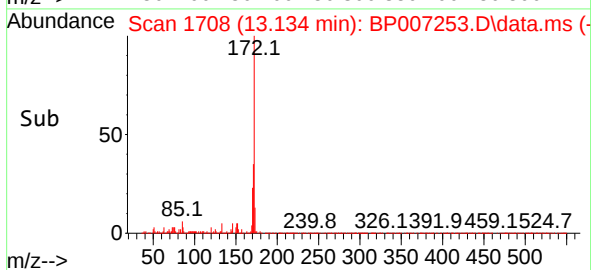
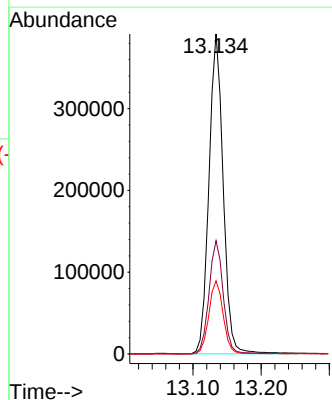
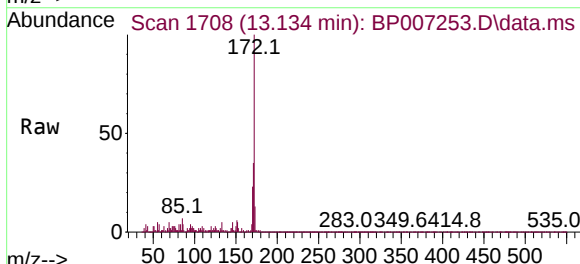
Instrument :
BNA_P
ClientSampleId :
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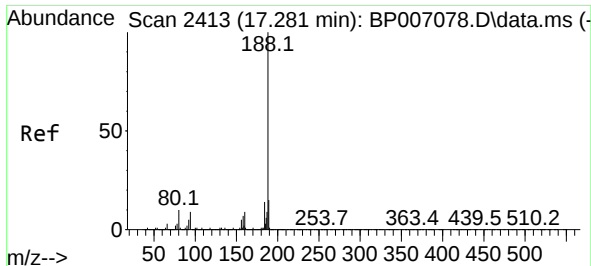
Tgt Ion:330 Resp: 164573
Ion Ratio Lower Upper
330 100
332 97.7 77.8 116.8
141 31.0 25.4 38.2



#45
2-Fluorobiphenyl
Concen: 12.133 ng
RT: 13.134 min Scan# 1708
Delta R.T. -0.000 min
Lab File: BP007253.D
Acq: 29 Sep 2021 19:20

Tgt Ion:172 Resp: 567541
Ion Ratio Lower Upper
172 100
171 35.4 27.9 41.9
170 22.9 18.6 27.8

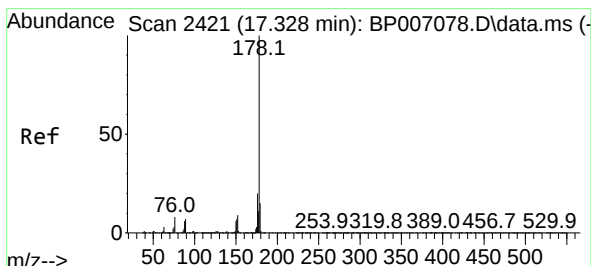
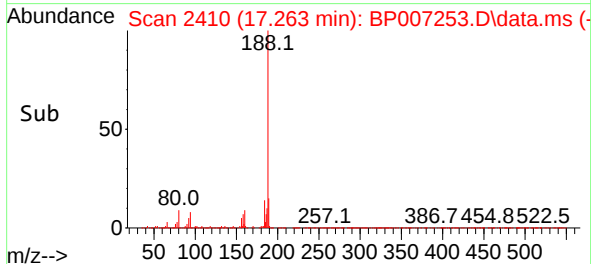
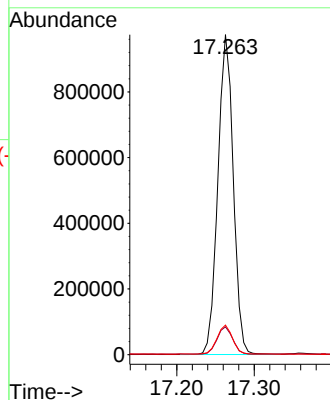
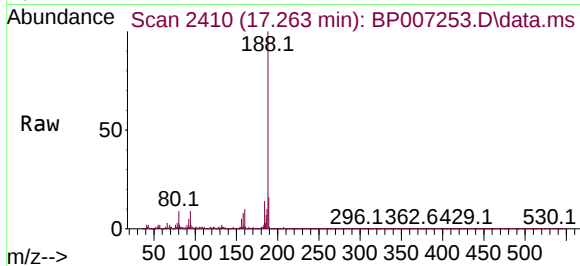




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.263 min Scan# 2410
Delta R.T. -0.000 min
Lab File: BP007253.D
Acq: 29 Sep 2021 19:20

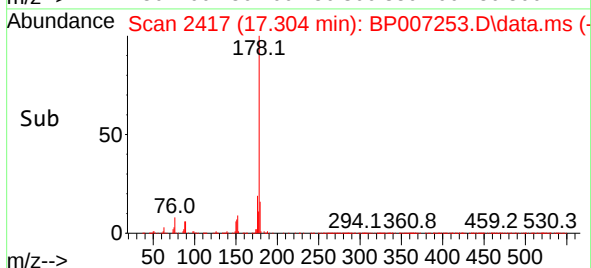
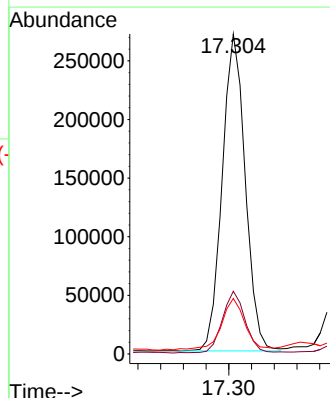
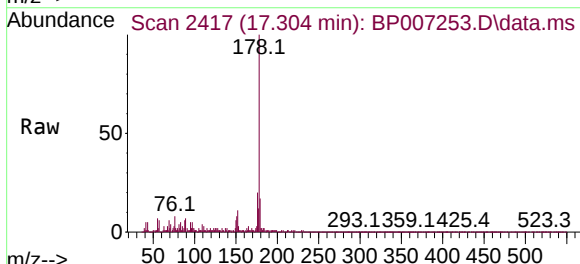
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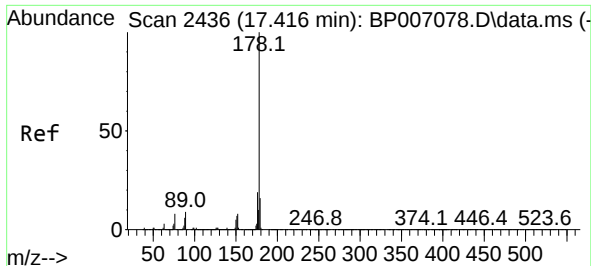
Tgt Ion:188 Resp: 1342368
Ion Ratio Lower Upper
188 100
94 8.7 5.6 8.4#
80 9.2 6.3 9.5



#71
Phenanthrene
Concen: 5.286 ng
RT: 17.304 min Scan# 2417
Delta R.T. -0.000 min
Lab File: BP007253.D
Acq: 29 Sep 2021 19:20

Tgt Ion:178 Resp: 380436
Ion Ratio Lower Upper
178 100
176 19.6 15.1 22.7
179 17.4 12.4 18.6

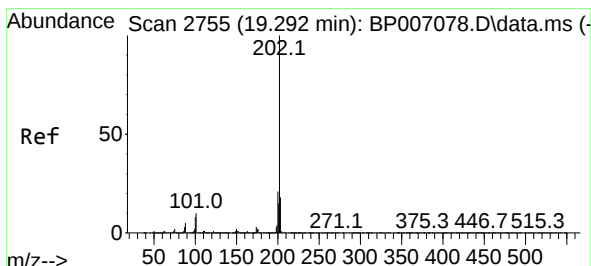
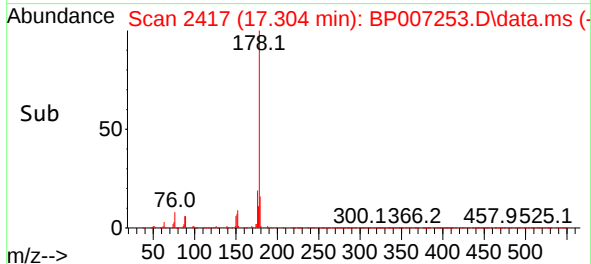
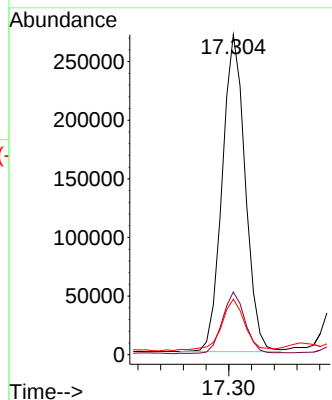
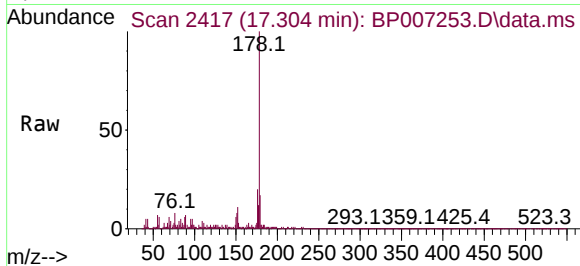




#72
 Anthracene
 Concen: 5.403 ng
 RT: 17.304 min Scan# 2417
 Delta R.T. -0.094 min
 Lab File: BP007253.D
 Acq: 29 Sep 2021 19:20

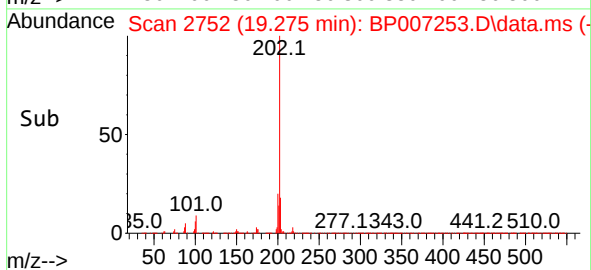
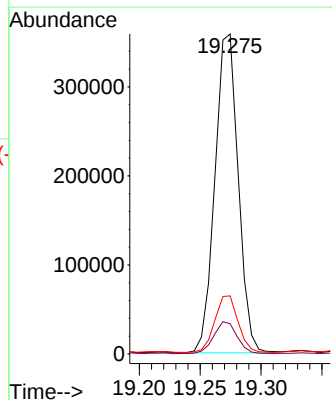
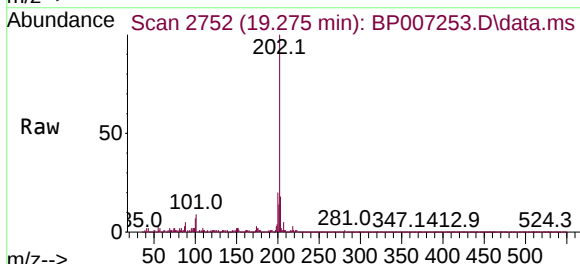
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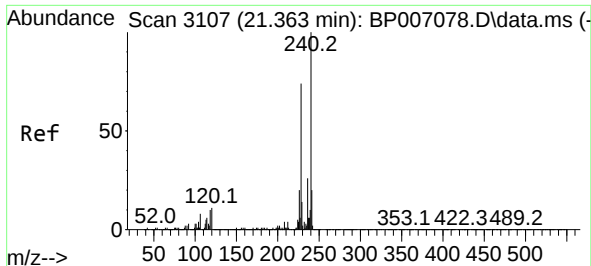
Tgt Ion:178 Resp: 380436
 Ion Ratio Lower Upper
 178 100
 176 19.6 14.9 22.3
 179 17.4 12.2 18.2



#75
 Fluoranthene
 Concen: 5.756 ng
 RT: 19.275 min Scan# 2752
 Delta R.T. -0.000 min
 Lab File: BP007253.D
 Acq: 29 Sep 2021 19:20

Tgt Ion:202 Resp: 477310
 Ion Ratio Lower Upper
 202 100
 101 9.5 0.0 27.6
 203 18.1 0.0 37.8

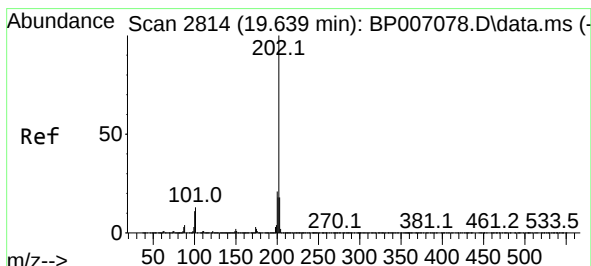
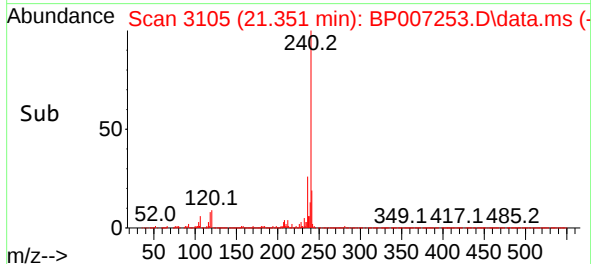
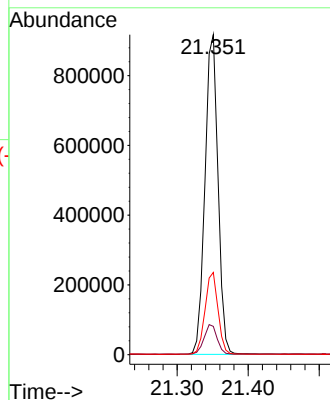
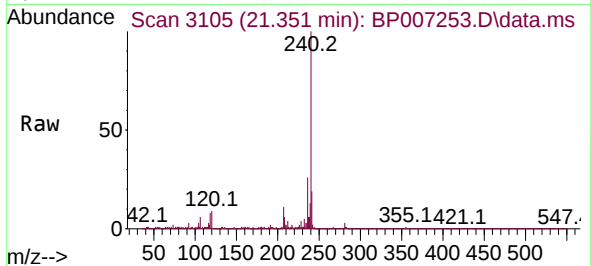




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.351 min Scan# 3105
Delta R.T. -0.000 min
Lab File: BP007253.D
Acq: 29 Sep 2021 19:20

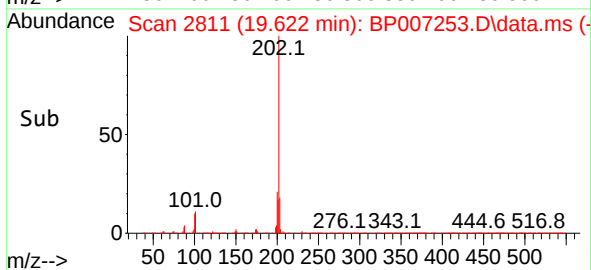
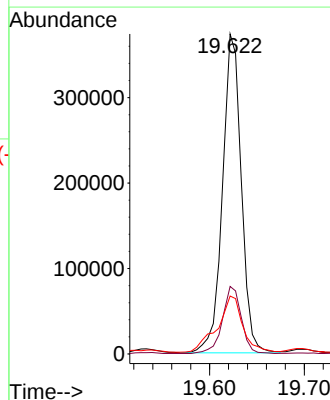
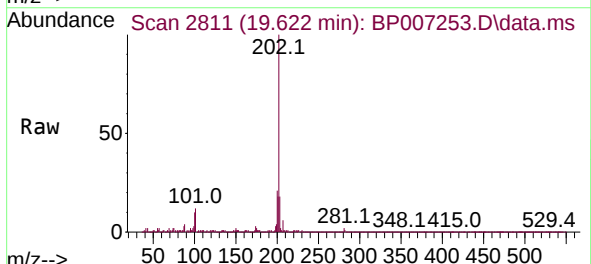
Instrument :
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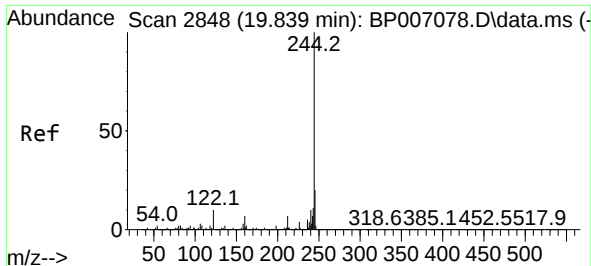
Tgt Ion:240 Resp: 1173143
Ion Ratio Lower Upper
240 100
120 8.8 6.5 9.7
236 25.7 20.6 31.0



#78
Pyrene
Concen: 6.698 ng
RT: 19.622 min Scan# 2811
Delta R.T. -0.006 min
Lab File: BP007253.D
Acq: 29 Sep 2021 19:20

Tgt Ion:202 Resp: 515501
Ion Ratio Lower Upper
202 100
200 21.1 16.3 24.5
203 18.1 14.2 21.2

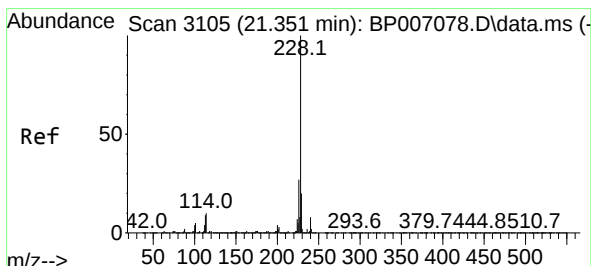
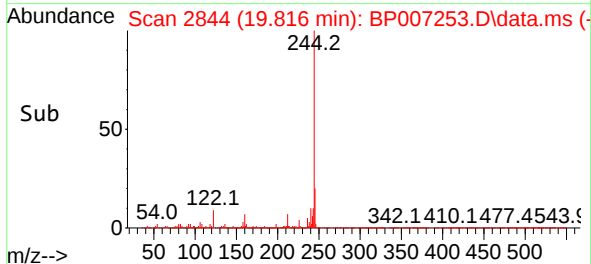
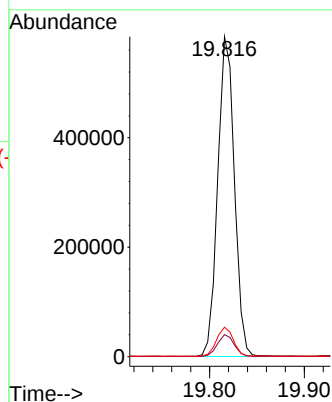
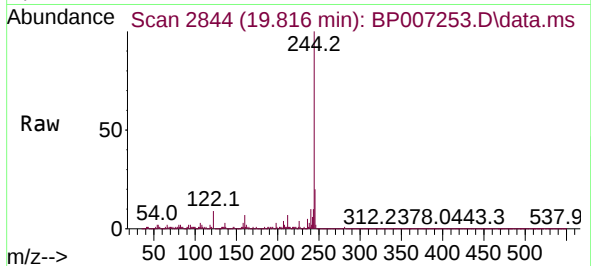




#79
 Terphenyl-d14
 Concen: 11.719 ng
 RT: 19.816 min Scan# 2844
 Delta R.T. -0.006 min
 Lab File: BP007253.D
 Acq: 29 Sep 2021 19:20

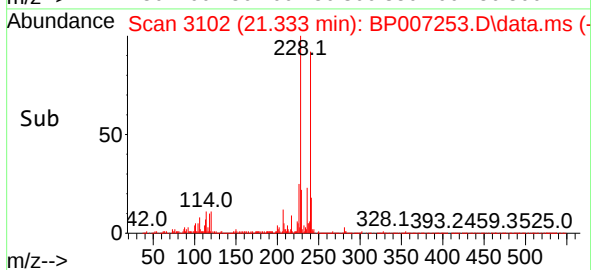
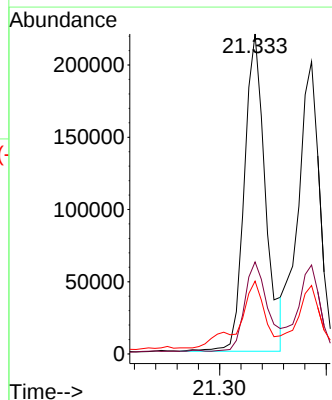
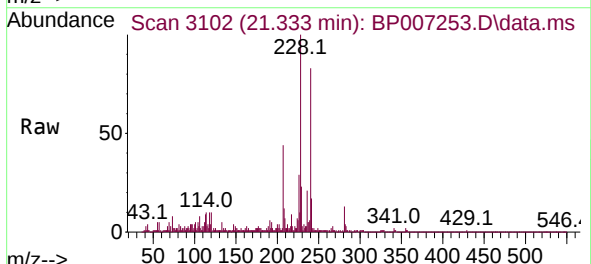
Instrument :
 BNA_P
 ClientSampleId :
 RO-COMP-1

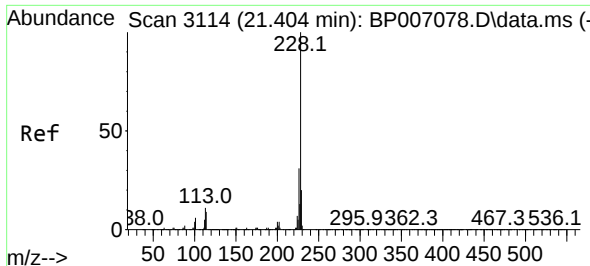
Tgt Ion:244	Resp:	717424
Ion Ratio	Lower	Upper
244	100	
212	6.9	6.0 9.0
122	9.2	7.1 10.7



#81
 Benzo(a)anthracene
 Concen: 3.957 ng
 RT: 21.333 min Scan# 3102
 Delta R.T. -0.006 min
 Lab File: BP007253.D
 Acq: 29 Sep 2021 19:20

Tgt Ion:228	Resp:	301337
Ion Ratio	Lower	Upper
228	100	
226	28.8	21.6 32.4
229	22.7	15.8 23.6

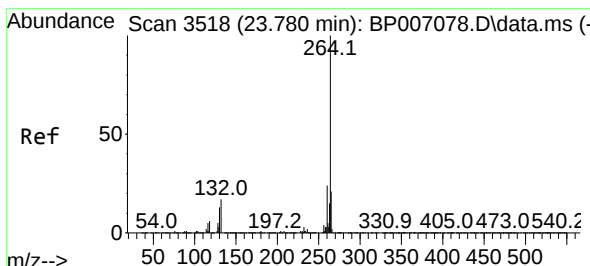
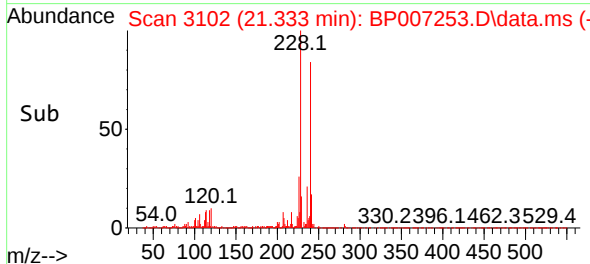
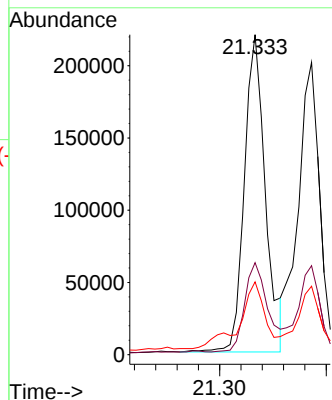
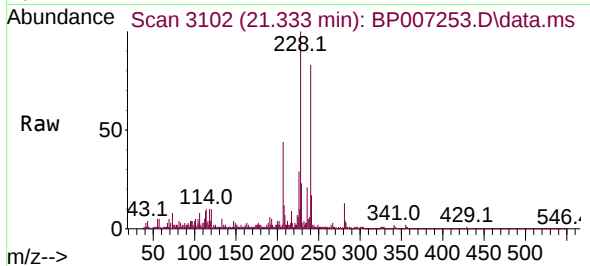




#83
Chrysene
Concen: 4.141 ng
RT: 21.333 min Scan# 3102
Delta R.T. -0.059 min
Lab File: BP007253.D
Acq: 29 Sep 2021 19:20

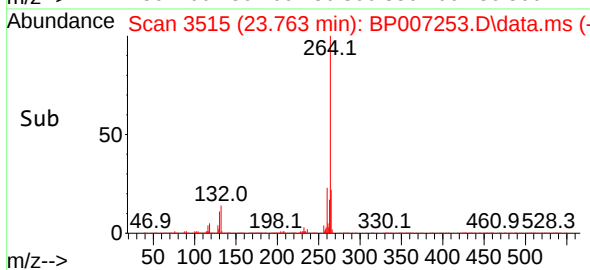
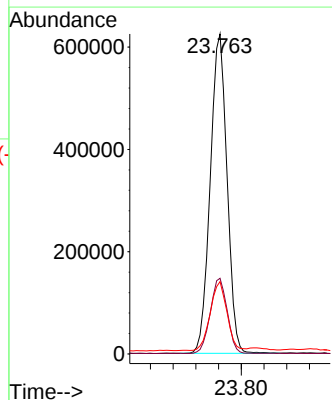
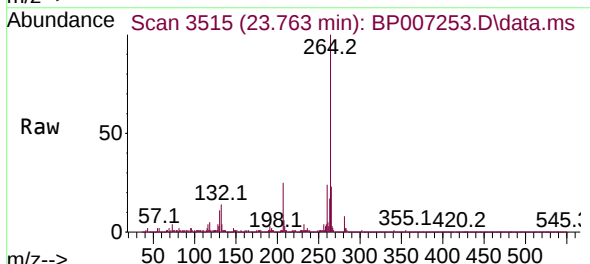
Instrument :
BNA_P
ClientSampleId :
RO-COMP-1

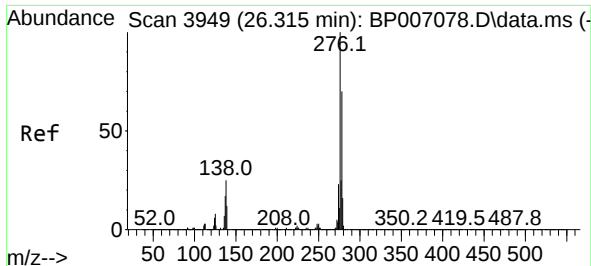
Tgt Ion:228 Resp: 301337
Ion Ratio Lower Upper
228 100
226 28.8 23.8 35.6
229 22.7 15.4 23.2



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.763 min Scan# 3515
Delta R.T. -0.000 min
Lab File: BP007253.D
Acq: 29 Sep 2021 19:20

Tgt Ion:264 Resp: 1278930
Ion Ratio Lower Upper
264 100
260 23.7 18.6 28.0
265 22.6 17.6 26.4

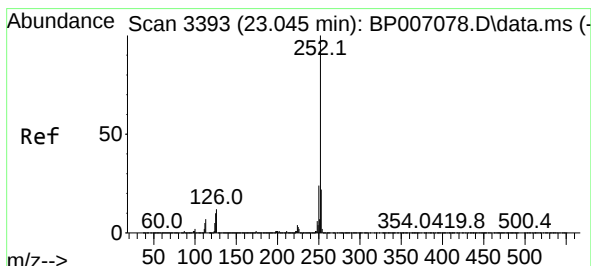
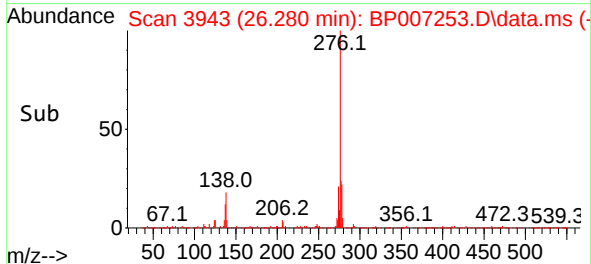
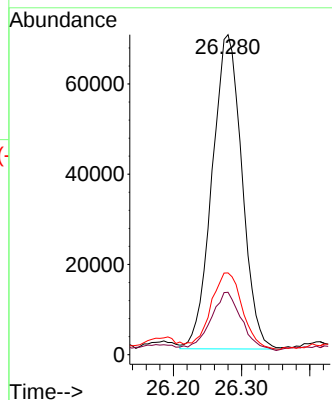
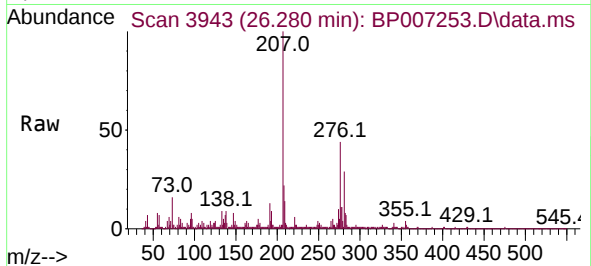




#87
Indeno(1,2,3-cd)pyrene
Concen: 2.313 ng
RT: 26.280 min Scan# 3943
Delta R.T. -0.018 min
Lab File: BP007253.D
Acq: 29 Sep 2021 19:20

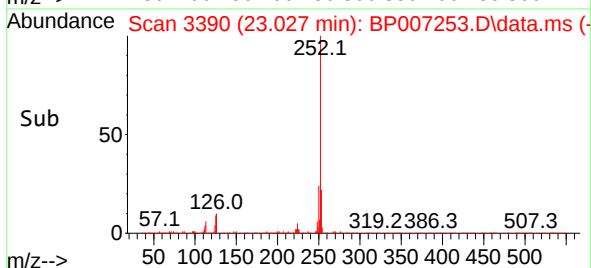
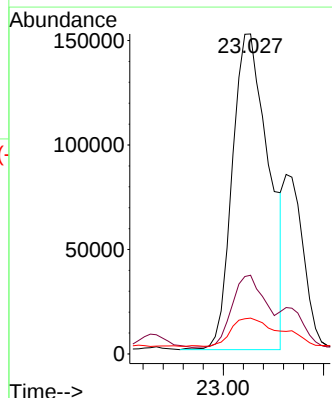
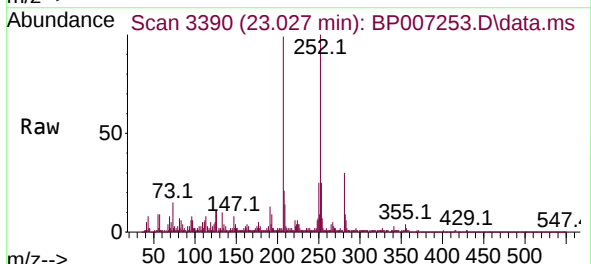
Instrument :
BNA_P
ClientSampleId :
RO-COMP-1

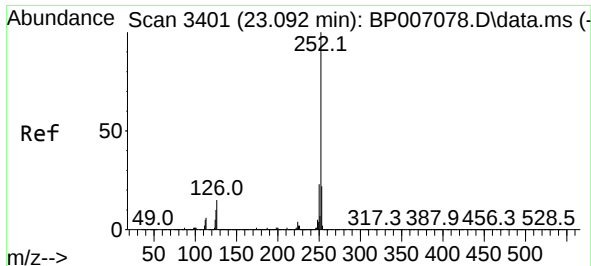
Tgt Ion:	276	Resp:	212574
Ion Ratio	Lower	Upper	
276	100		
138	19.3	15.3	22.9
277	25.7	20.4	30.6



#88
Benzo(b)fluoranthene
Concen: 4.998 ng
RT: 23.027 min Scan# 3390
Delta R.T. -0.000 min
Lab File: BP007253.D
Acq: 29 Sep 2021 19:20

Tgt Ion:	252	Resp:	382002
Ion Ratio	Lower	Upper	
252	100		
253	24.6	17.5	26.3
125	11.2	6.2	9.4#

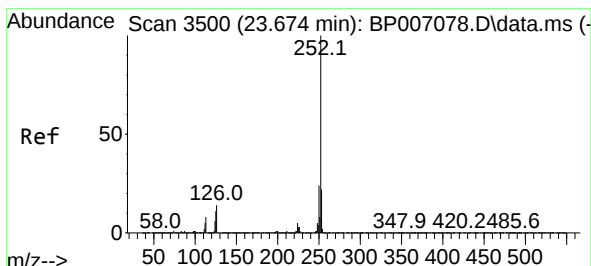
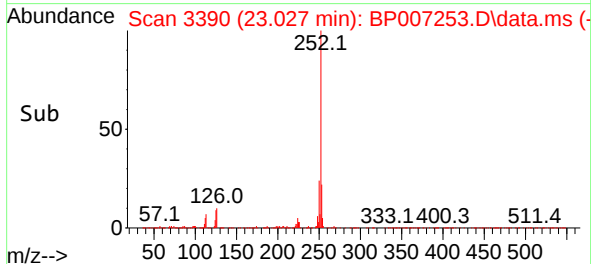
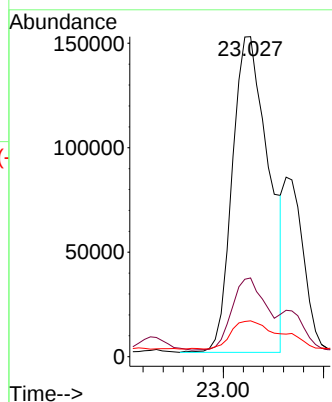
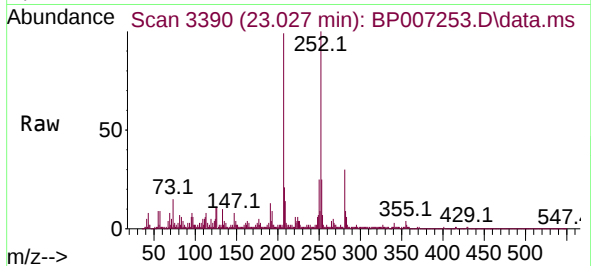




#89
Benzo(k)fluoranthene
Concen: 4.936 ng
RT: 23.027 min Scan# 3390
Delta R.T. -0.047 min
Lab File: BP007253.D
Acq: 29 Sep 2021 19:20

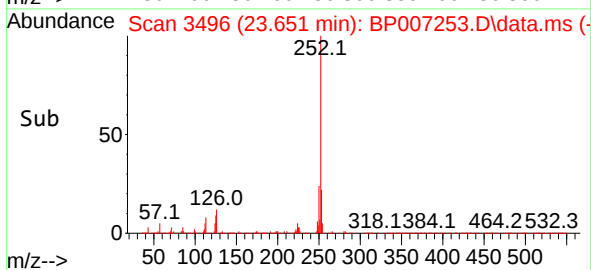
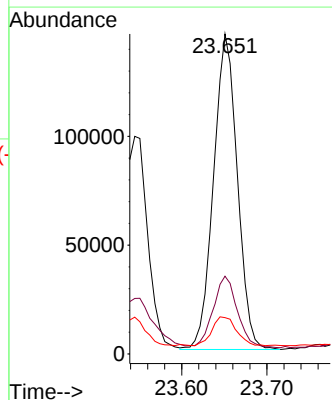
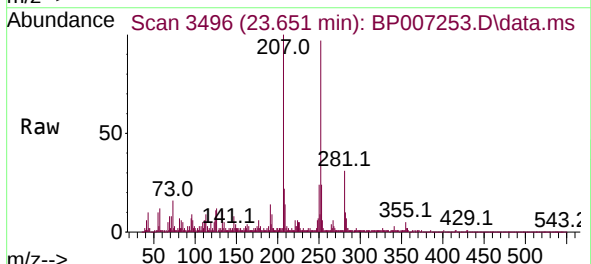
Instrument :
BNA_P
ClientSampleId :
RO-COMP-1

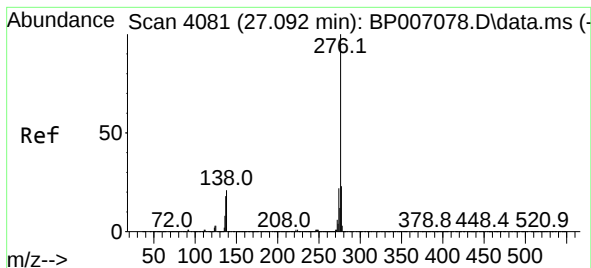
Tgt Ion:252 Resp: 382002
Ion Ratio Lower Upper
252 100
253 24.6 17.6 26.4
125 11.2 6.0 9.0#



#90
Benzo(a)pyrene
Concen: 4.335 ng
RT: 23.651 min Scan# 3496
Delta R.T. -0.006 min
Lab File: BP007253.D
Acq: 29 Sep 2021 19:20

Tgt Ion:252 Resp: 281468
Ion Ratio Lower Upper
252 100
253 24.3 17.9 26.9
125 11.4 6.5 9.7#





#92

Benzo(g,h,i)perylene

Concen: 2.868 ng

RT: 27.051 min Scan# 4074

Delta R.T. -0.018 min

Lab File: BP007253.D

Acq: 29 Sep 2021 19:20

Tgt Ion: 276 Resp: 215555

Ion Ratio Lower Upper

276 100

277 24.6 18.9 28.3

138 18.1 12.6 18.8

