

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092321\
 Data File : BP007126.D
 Acq On : 23 Sep 2021 15:08
 Operator : CG/JU
 Sample : M3871-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SS02-BL-(0.0)

Quant Time: Sep 23 15:38:48 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)

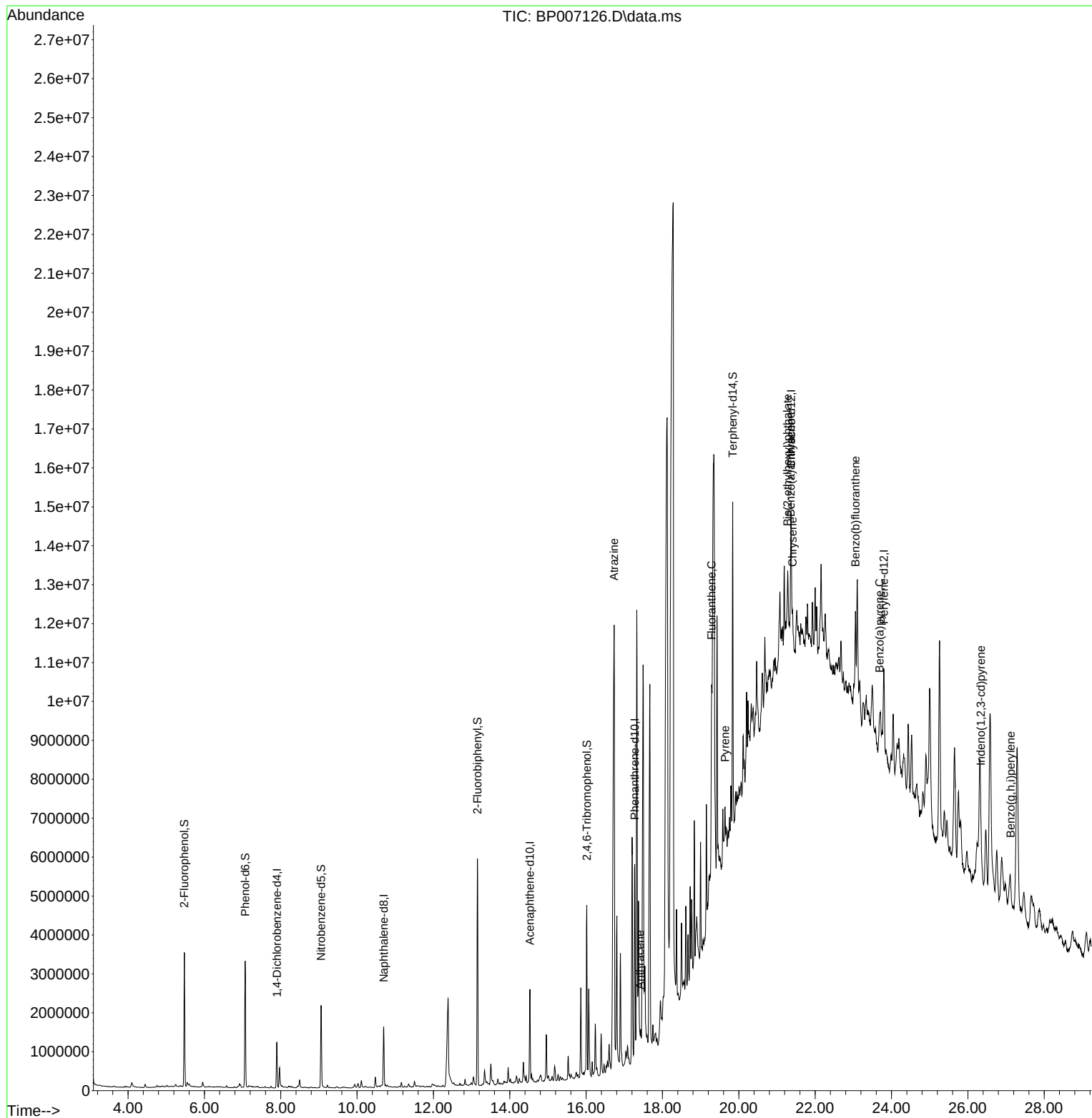
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.899	152	336911	20.000	ng	0.00
21) Naphthalene-d8	10.699	136	1321146	20.000	ng	# 0.00
39) Acenaphthene-d10	14.528	164	814792	20.000	ng	0.00
64) Phenanthrene-d10	17.275	188	1565502	20.000	ng	# 0.00
76) Chrysene-d12	21.369	240	1507700	20.000	ng	# 0.01
86) Perylene-d12	23.798	264	1640932	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	1622485	80.613	ng	0.01
7) Phenol-d6	7.069	99	2059644	74.873	ng	0.00
23) Nitrobenzene-d5	9.058	82	1223306	53.923	ng	0.00
42) 2,4,6-Tribromophenol	16.016	330	917537	86.860	ng	0.00
45) 2-Fluorobiphenyl	13.151	172	3120347	54.864	ng	0.00
79) Terphenyl-d14	19.839	244	4194873	53.316	ng	0.00
Target Compounds						
						Qvalue
69) Atrazine	16.734	200	37592	2.290	ng	# 56
72) Anthracene	17.410	178	165282	2.013	ng	96
75) Fluoranthene	19.286	202	872249	9.019	ng	95
78) Pyrene	19.639	202	830214	8.393	ng	97
81) Benzo(a)anthracene	21.357	228	453009	4.629	ng	# 89
83) Chrysene	21.410	228	522000	5.581	ng	# 93
84) Bis(2-ethylhexyl)phtha...	21.280	149	243103	4.268	ng	# 84
87) Indeno(1,2,3-cd)pyrene	26.339	276	394683	3.347	ng	96
88) Benzo(b)fluoranthene	23.057	252	783056	7.985	ng	# 52
90) Benzo(a)pyrene	23.686	252	459263	5.512	ng	# 63
92) Benzo(g,h,i)perylene	27.121	276	403161	4.180	ng	# 81

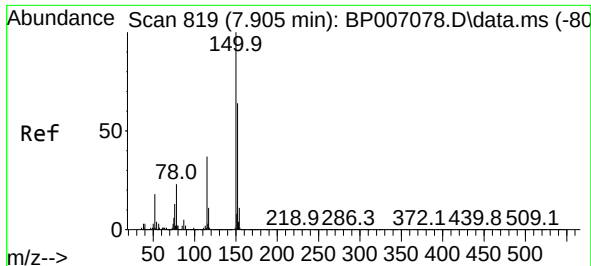
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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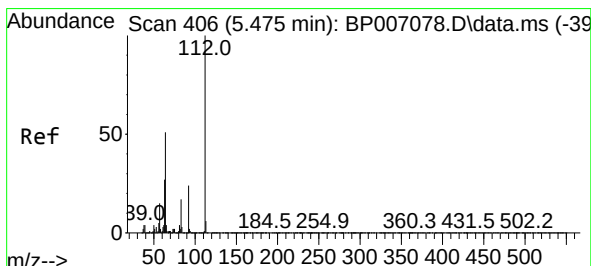
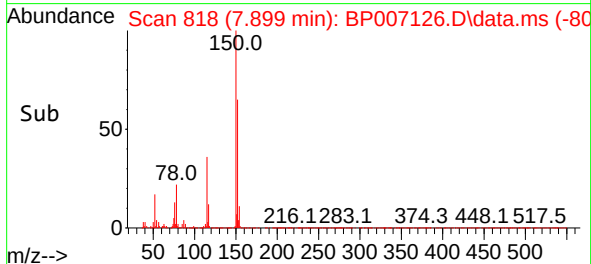
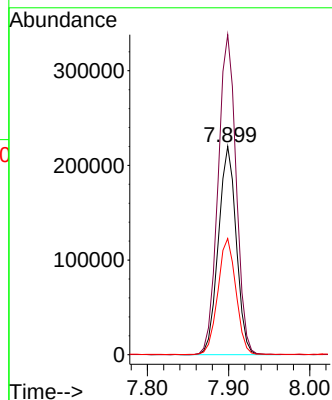
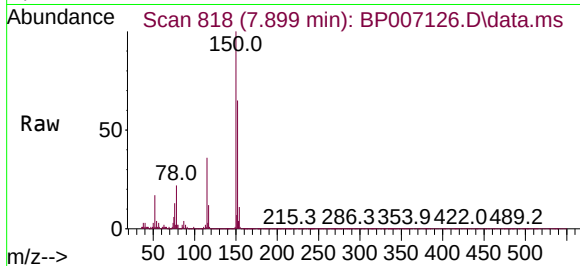




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.899 min Scan# 818
Delta R.T. 0.006 min
Lab File: BP007126.D
Acq: 23 Sep 2021 15:08

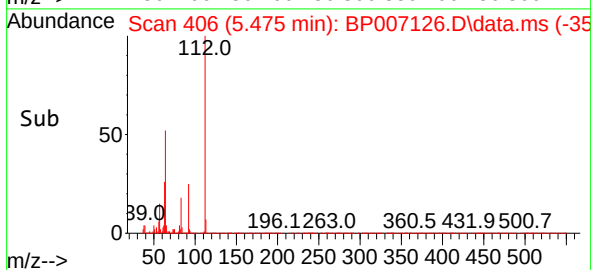
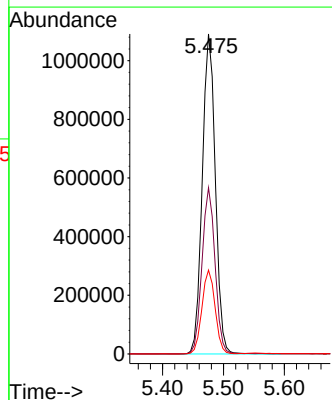
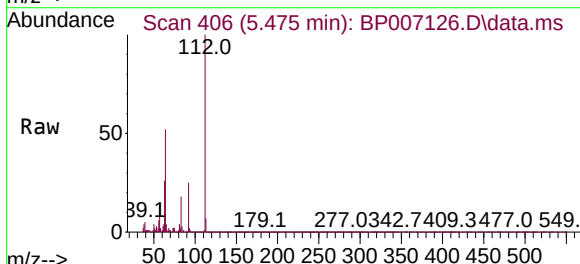
Instrument :
BNA_P
ClientSampleId :
SS02-BL-(0.0)

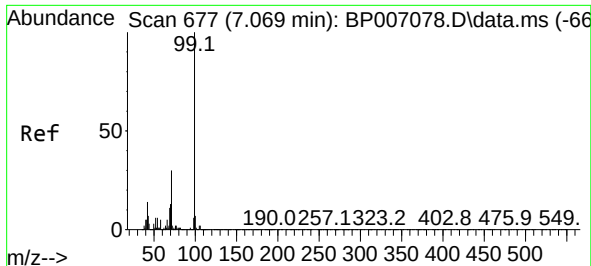
Tgt Ion:152 Resp: 336911
Ion Ratio Lower Upper
152 100
150 153.6 125.6 188.4
115 55.8 48.5 72.7



#5
2-Fluorophenol
Concen: 80.613 ng
RT: 5.475 min Scan# 406
Delta R.T. 0.012 min
Lab File: BP007126.D
Acq: 23 Sep 2021 15:08

Tgt Ion:112 Resp: 1622485
Ion Ratio Lower Upper
112 100
64 52.0 41.4 62.2
63 26.2 23.8 35.8



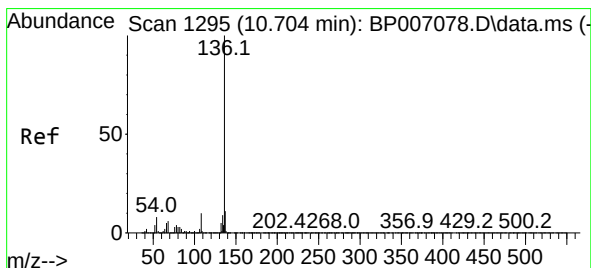
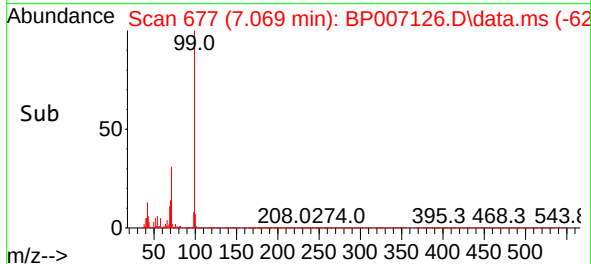
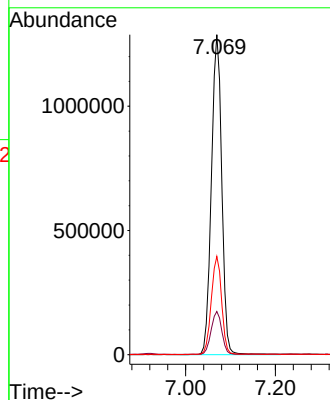
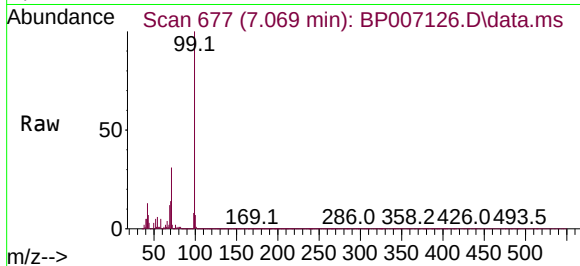


#7
Phenol-d6
Concen: 74.873 ng
RT: 7.069 min Scan# 677
Delta R.T. 0.006 min
Lab File: BP007126.D
Acq: 23 Sep 2021 15:08

Instrument :
BNA_P
ClientSampleId :
SS02-BL-(0.0)

Tgt Ion: 99 Resp: 2059644

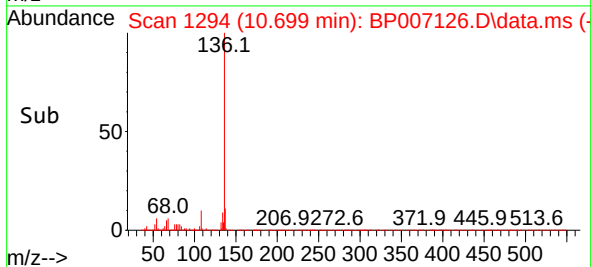
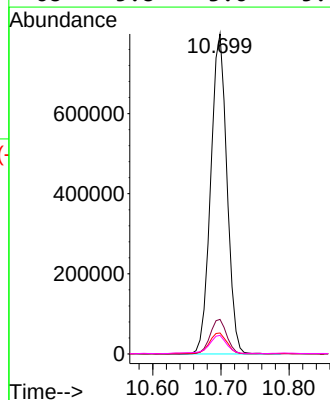
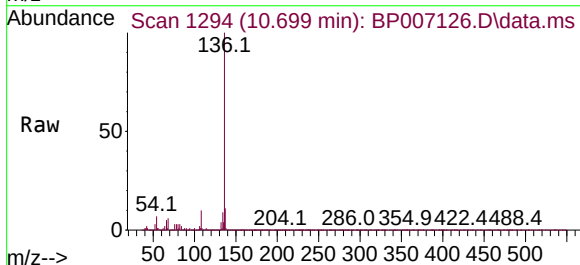
Ion	Ratio	Lower	Upper
99	100		
42	13.5	13.4	20.0
71	30.7	30.6	46.0

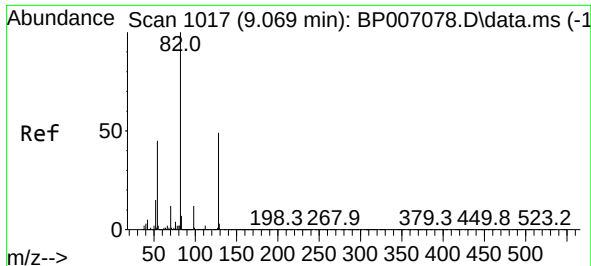


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.699 min Scan# 1294
Delta R.T. 0.006 min
Lab File: BP007126.D
Acq: 23 Sep 2021 15:08

Tgt Ion:136 Resp: 1321146

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	12.8
54	6.6	4.6	6.8
68	5.8	3.6	5.4





#23

Nitrobenzene-d5

Concen: 53.923 ng

RT: 9.058 min Scan# 1015

Delta R.T. 0.000 min

Lab File: BP007126.D

Acq: 23 Sep 2021 15:08

Tgt Ion: 82 Resp: 1223306

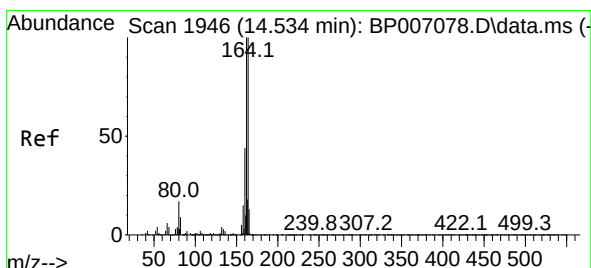
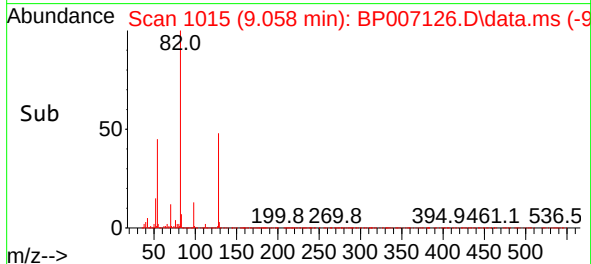
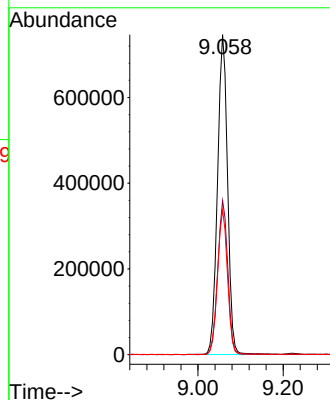
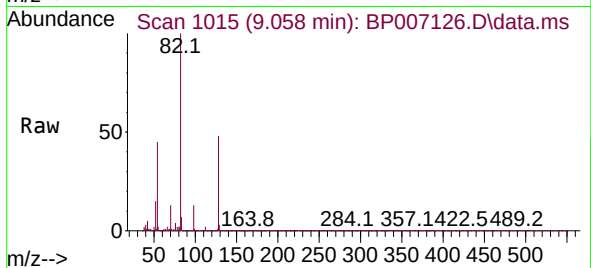
Ion	Ratio	Lower	Upper
82	100		
128	48.1	35.7	53.5
54	45.3	35.0	52.4

Instrument :

BNA_P

ClientSampleId :

SS02-BL-(0.0)



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.528 min Scan# 1945

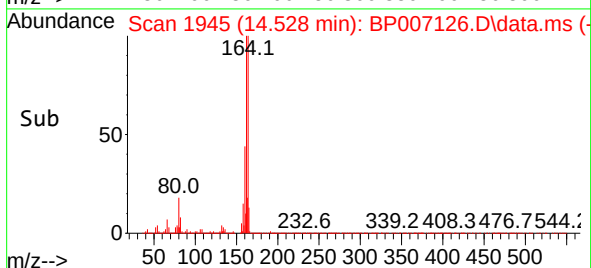
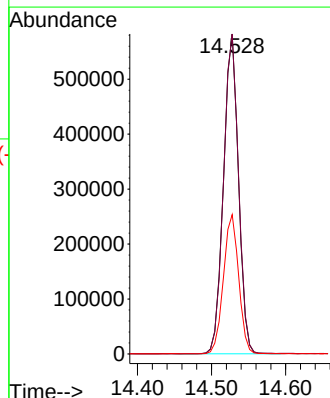
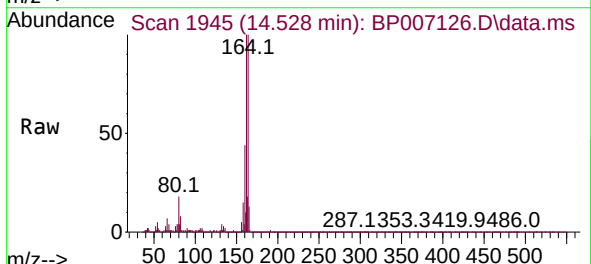
Delta R.T. 0.000 min

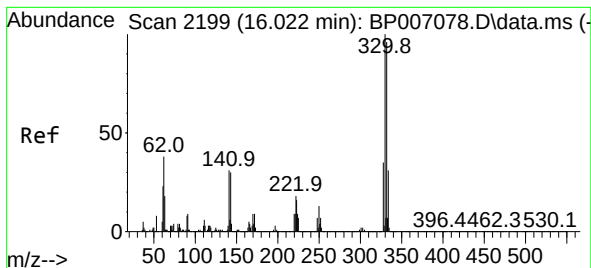
Lab File: BP007126.D

Acq: 23 Sep 2021 15:08

Tgt Ion:164 Resp: 814792

Ion	Ratio	Lower	Upper
164	100		
162	99.9	80.2	120.2
160	43.6	34.5	51.7

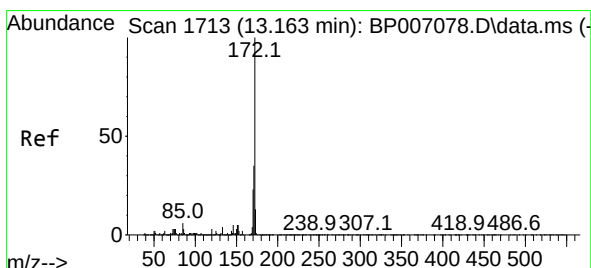
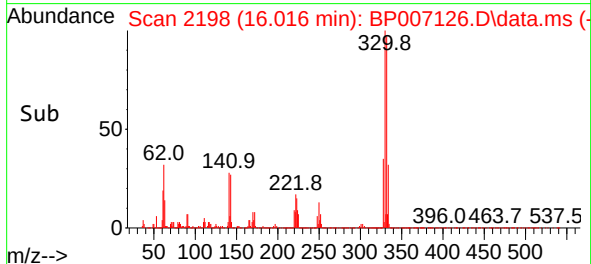
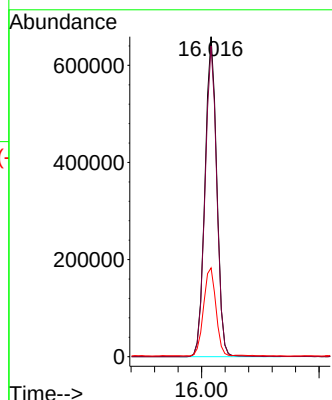
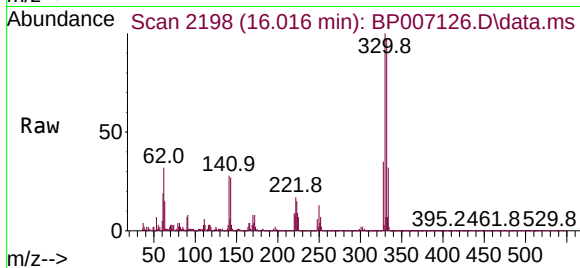




#42
2,4,6-Tribromophenol
Concen: 86.860 ng
RT: 16.016 min Scan# 2198
Delta R.T. 0.000 min
Lab File: BP007126.D
Acq: 23 Sep 2021 15:08

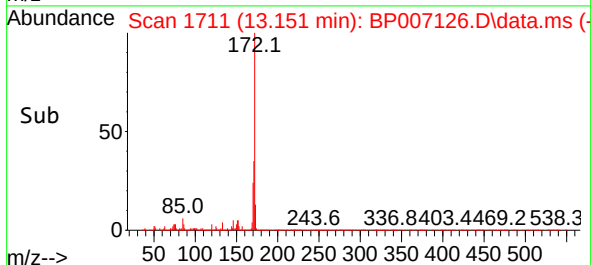
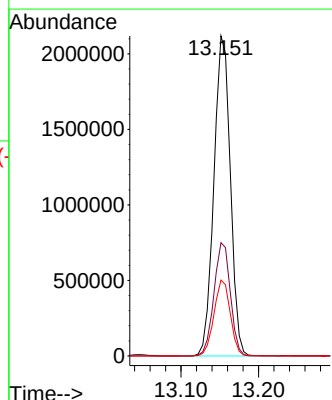
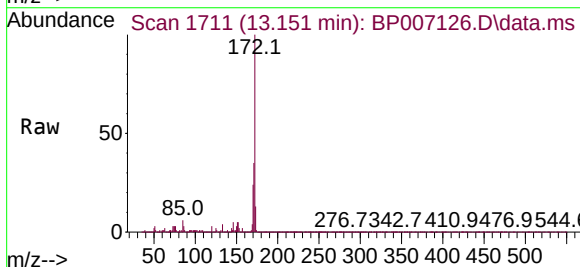
Instrument :
BNA_P
ClientSampleId :
SS02-BL-(0.0)

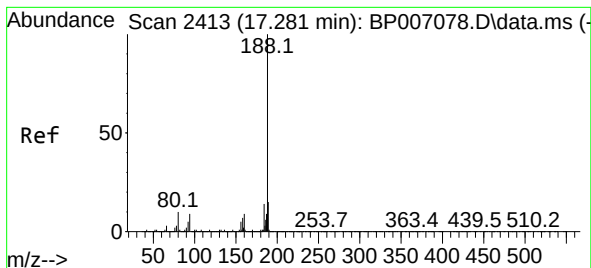
Tgt Ion:330 Resp: 917537
Ion Ratio Lower Upper
330 100
332 96.7 77.8 116.8
141 28.7 25.4 38.2



#45
2-Fluorobiphenyl
Concen: 54.864 ng
RT: 13.151 min Scan# 1711
Delta R.T. 0.000 min
Lab File: BP007126.D
Acq: 23 Sep 2021 15:08

Tgt Ion:172 Resp: 3120347
Ion Ratio Lower Upper
172 100
171 35.4 27.9 41.9
170 23.7 18.6 27.8

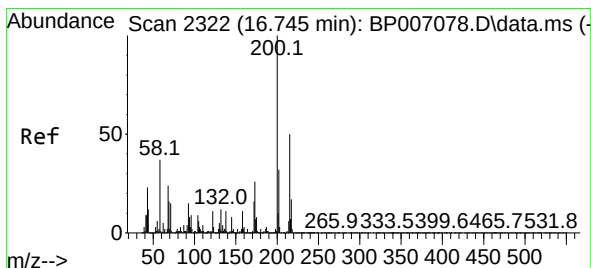
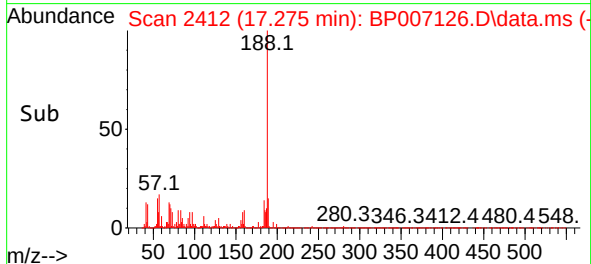
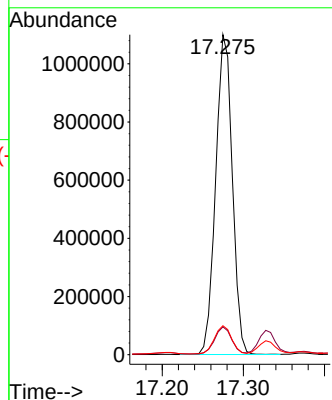
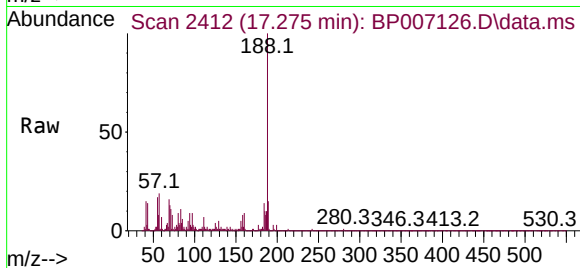




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.275 min Scan# 2412
Delta R.T. 0.000 min
Lab File: BP007126.D
Acq: 23 Sep 2021 15:08

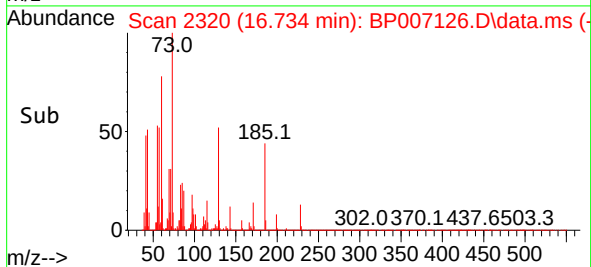
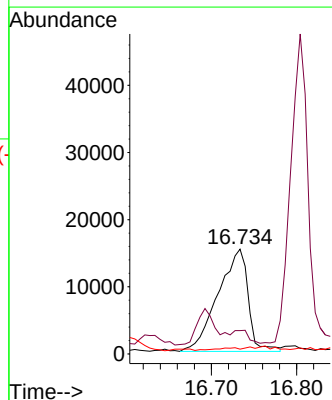
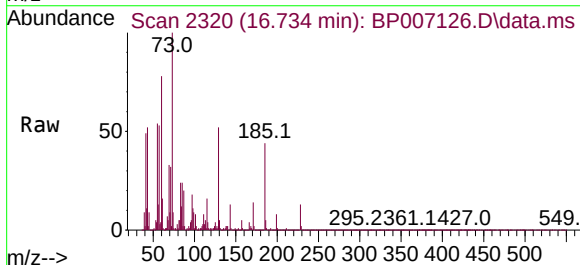
Instrument :
BNA_P
ClientSampleId :
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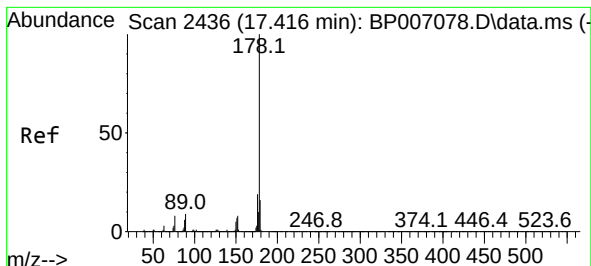
Tgt Ion:188 Resp: 1565502
Ion Ratio Lower Upper
188 100
94 8.7 5.6 8.4#
80 9.0 6.3 9.5



#69
Atrazine
Concen: 2.290 ng
RT: 16.734 min Scan# 2320
Delta R.T. -0.006 min
Lab File: BP007126.D
Acq: 23 Sep 2021 15:08

Tgt Ion:200 Resp: 37592
Ion Ratio Lower Upper
200 100
173 22.3 4.1 44.1
215 4.6 27.7 67.7#

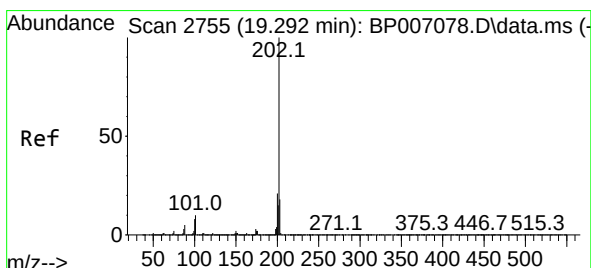
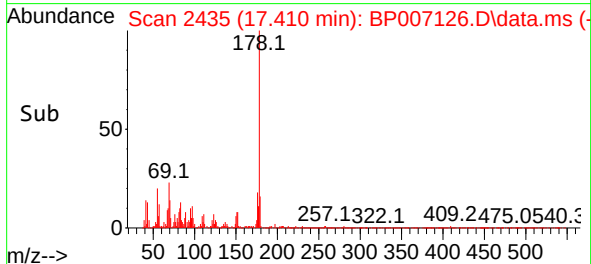
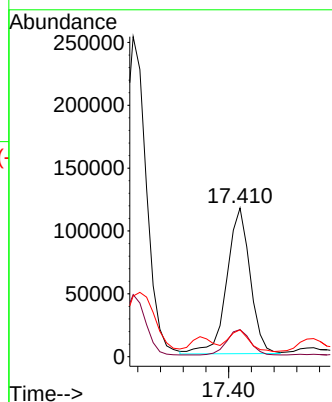
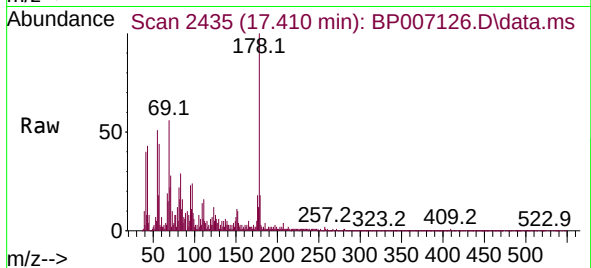




#72
 Anthracene
 Concen: 2.013 ng
 RT: 17.410 min Scan# 2435
 Delta R.T. 0.000 min
 Lab File: BP007126.D
 Acq: 23 Sep 2021 15:08

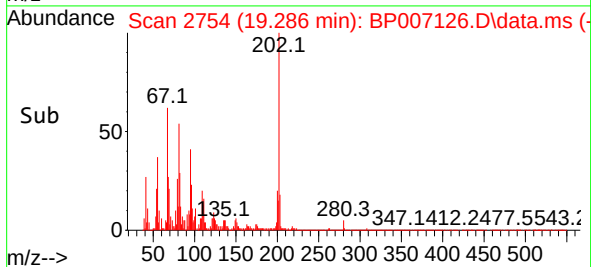
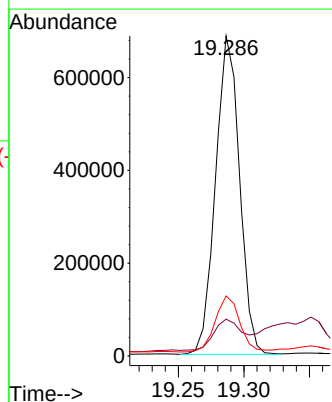
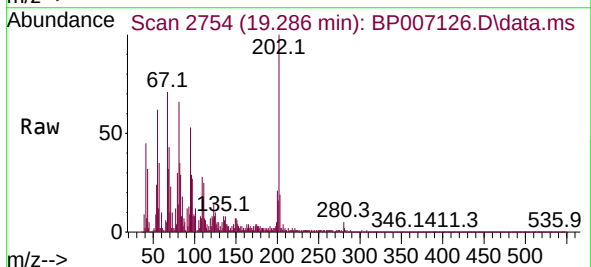
Instrument :
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 SS02-BL-(0.0)

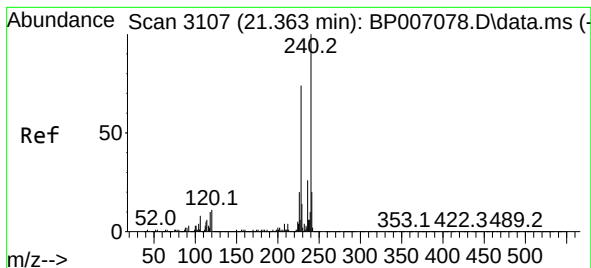
Tgt Ion:178 Resp: 165282
 Ion Ratio Lower Upper
 178 100
 176 18.2 14.9 22.3
 179 18.0 12.2 18.2



#75
 Fluoranthene
 Concen: 9.019 ng
 RT: 19.286 min Scan# 2754
 Delta R.T. 0.006 min
 Lab File: BP007126.D
 Acq: 23 Sep 2021 15:08

Tgt Ion:202 Resp: 872249
 Ion Ratio Lower Upper
 202 100
 101 11.5 0.0 27.6
 203 18.8 0.0 37.8





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.369 min Scan# 3108

Delta R.T. 0.012 min

Lab File: BP007126.D

Acq: 23 Sep 2021 15:08

Instrument :

BNA_P

ClientSampleId :

SS02-BL-(0.0)

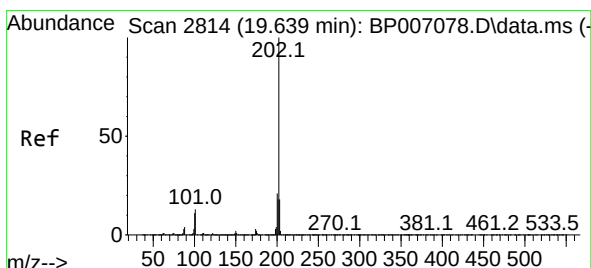
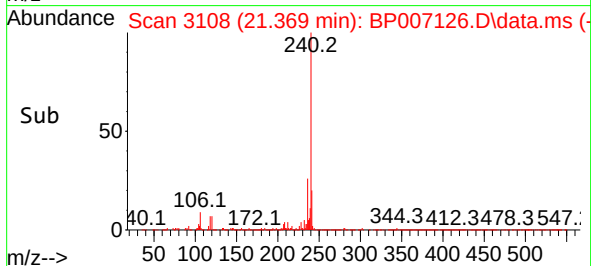
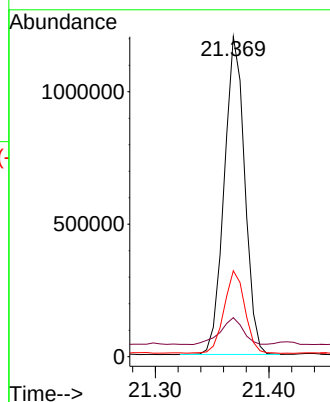
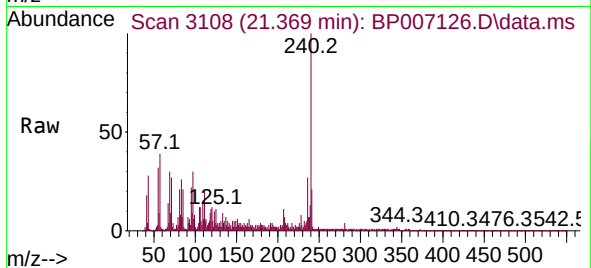
Tgt Ion:240 Resp: 1507700

Ion Ratio Lower Upper

240 100

120 12.2 6.5 9.7#

236 26.9 20.6 31.0



#78

Pyrene

Concen: 8.393 ng

RT: 19.639 min Scan# 2814

Delta R.T. 0.006 min

Lab File: BP007126.D

Acq: 23 Sep 2021 15:08

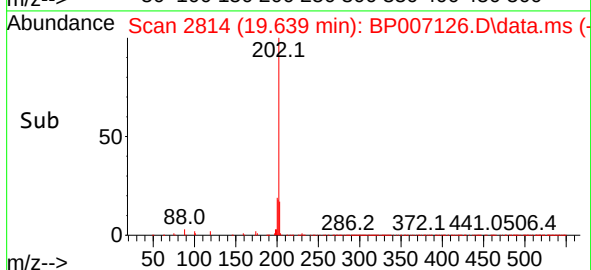
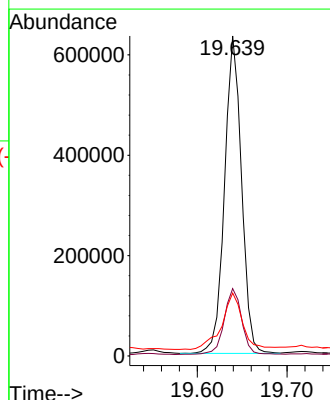
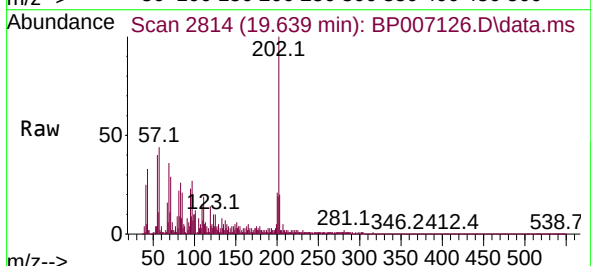
Tgt Ion:202 Resp: 830214

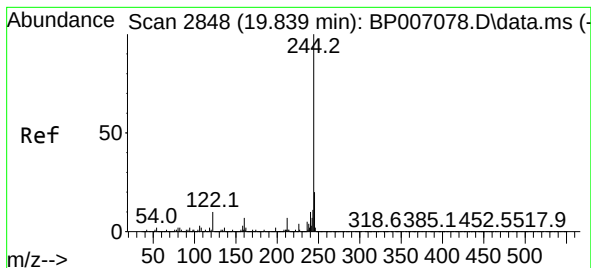
Ion Ratio Lower Upper

202 100

200 21.1 16.3 24.5

203 19.7 14.2 21.2





#79

Terphenyl-d14

Concen: 53.316 ng

RT: 19.839 min Scan# 2848

Delta R.T. 0.006 min

Lab File: BP007126.D

Acq: 23 Sep 2021 15:08

Instrument :

BNA_P

ClientSampleId :

SS02-BL-(0.0)

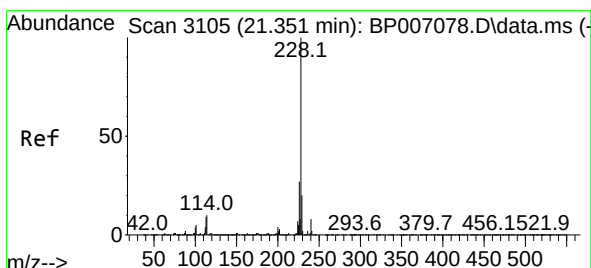
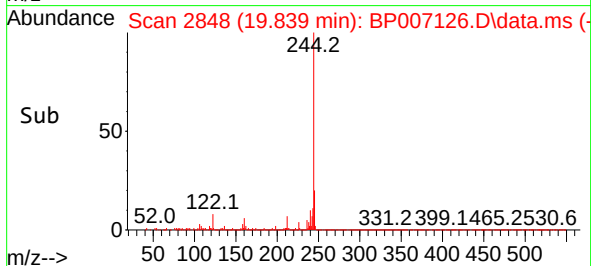
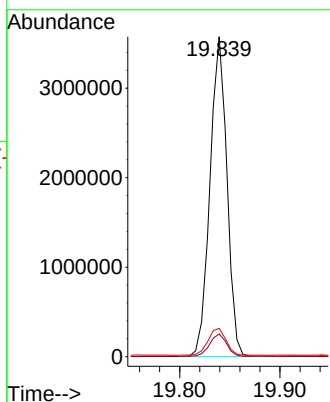
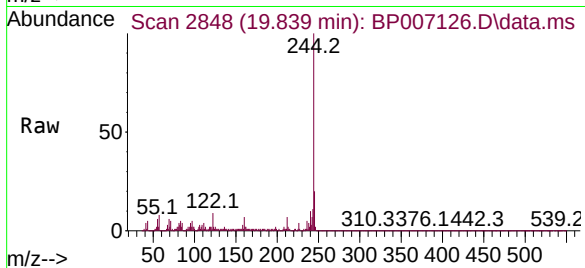
Tgt Ion:244 Resp: 4194873

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

122 8.9 7.1 10.7



#81

Benzo(a)anthracene

Concen: 4.629 ng

RT: 21.357 min Scan# 3106

Delta R.T. 0.012 min

Lab File: BP007126.D

Acq: 23 Sep 2021 15:08

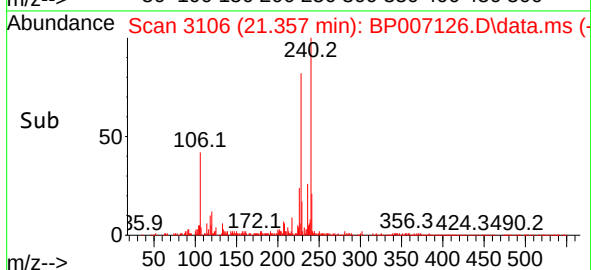
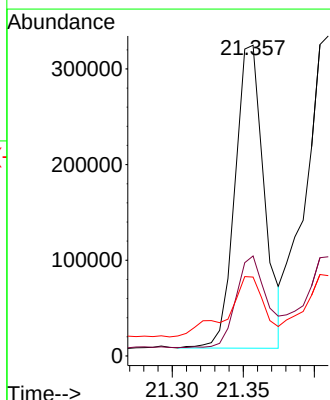
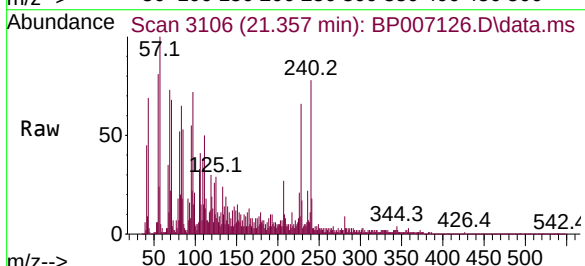
Tgt Ion:228 Resp: 453009

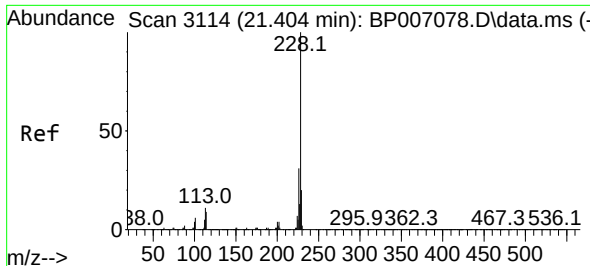
Ion Ratio Lower Upper

228 100

226 32.2 21.6 32.4

229 25.4 15.8 23.6#

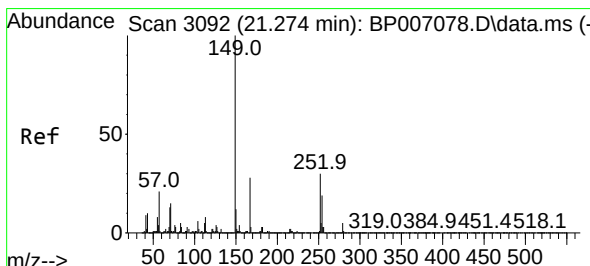
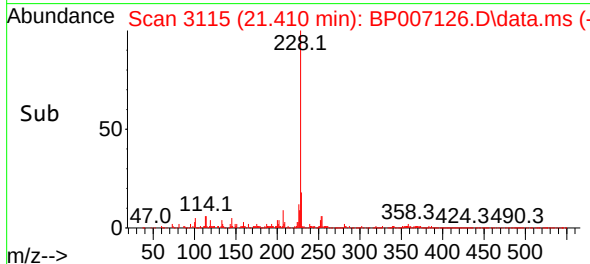
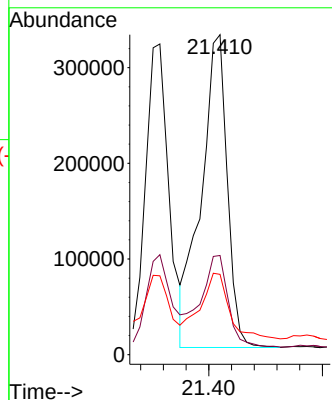
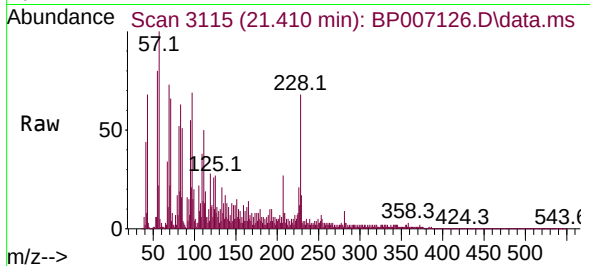




#83
Chrysene
Concen: 5.581 ng
RT: 21.410 min Scan# 3115
Delta R.T. 0.012 min
Lab File: BP007126.D
Acq: 23 Sep 2021 15:08

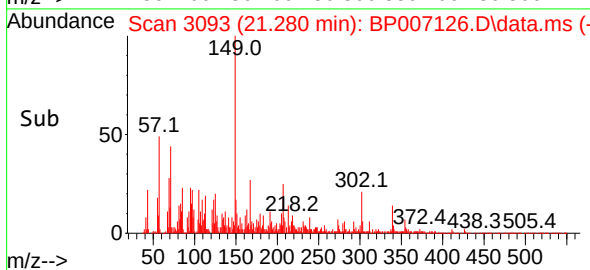
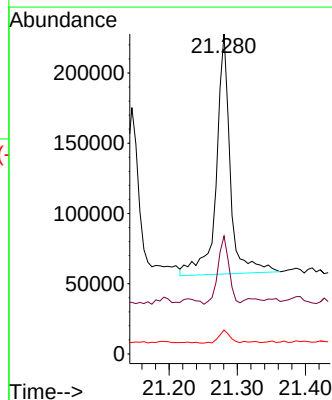
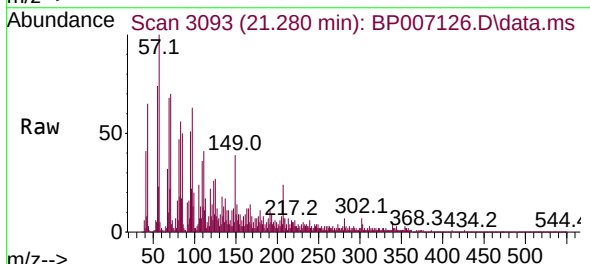
Instrument :
BNA_P
ClientSampleId :
SS02-BL-(0.0)

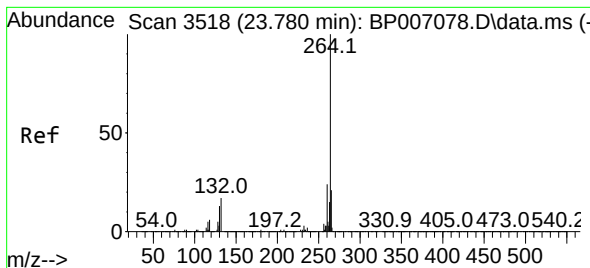
Tgt Ion:228 Resp: 522000
Ion Ratio Lower Upper
228 100
226 31.0 23.8 35.6
229 25.1 15.4 23.2#



#84
Bis(2-ethylhexyl)phthalate
Concen: 4.268 ng
RT: 21.280 min Scan# 3093
Delta R.T. 0.012 min
Lab File: BP007126.D
Acq: 23 Sep 2021 15:08

Tgt Ion:149 Resp: 243103
Ion Ratio Lower Upper
149 100
167 36.8 21.9 32.9#
279 7.5 4.3 6.5#

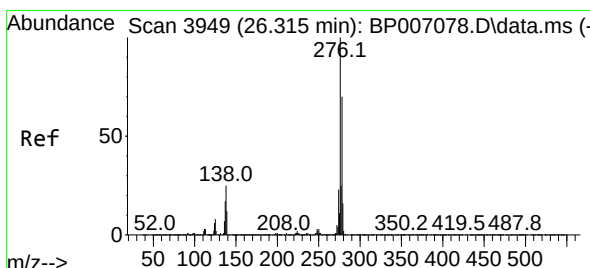
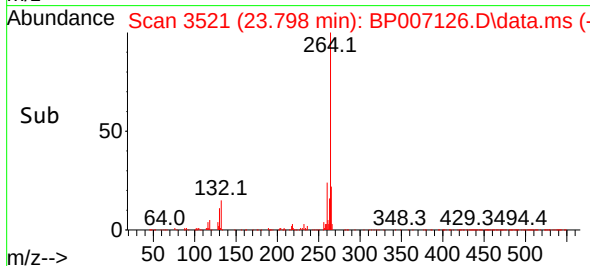
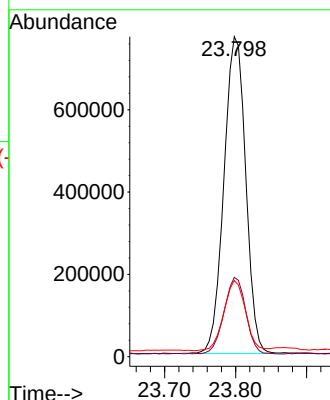
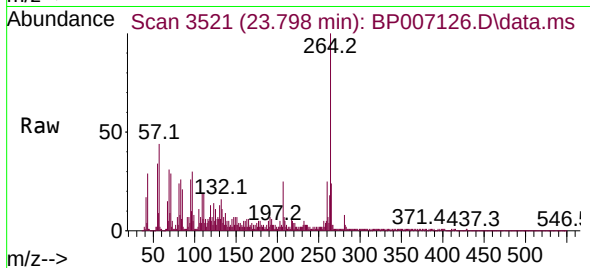




#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.798 min Scan# 3521
 Delta R.T. 0.029 min
 Lab File: BP007126.D
 Acq: 23 Sep 2021 15:08

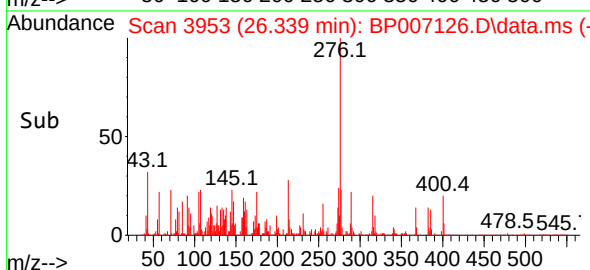
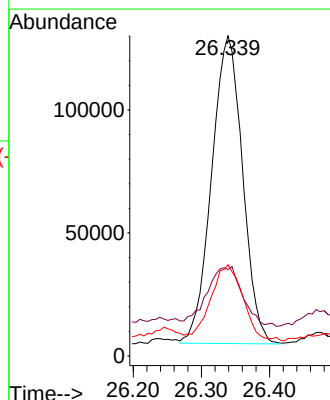
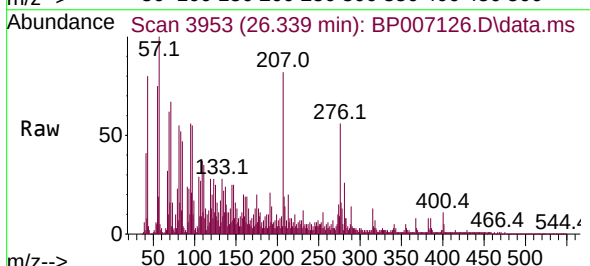
Instrument :
 BNA_P
 ClientSampleId :
 SS02-BL-(0.0)

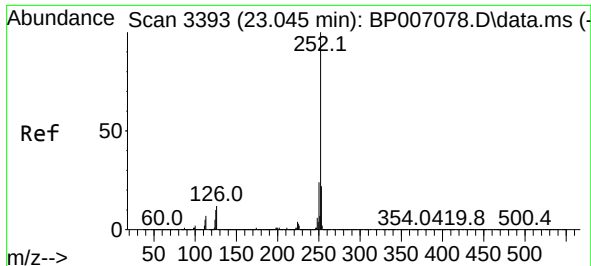
Tgt Ion:264 Resp: 1640932
 Ion Ratio Lower Upper
 264 100
 260 24.8 18.6 28.0
 265 23.8 17.6 26.4



#87
 Indeno(1,2,3-cd)pyrene
 Concen: 3.347 ng
 RT: 26.339 min Scan# 3953
 Delta R.T. 0.035 min
 Lab File: BP007126.D
 Acq: 23 Sep 2021 15:08

Tgt Ion:276 Resp: 394683
 Ion Ratio Lower Upper
 276 100
 138 22.6 15.3 22.9
 277 26.0 20.4 30.6

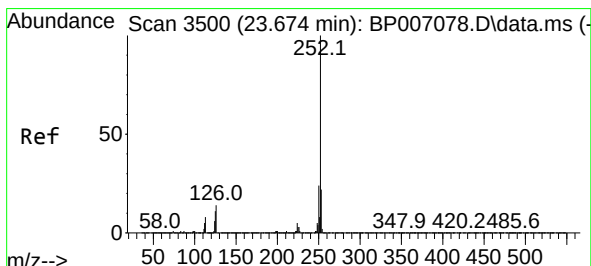
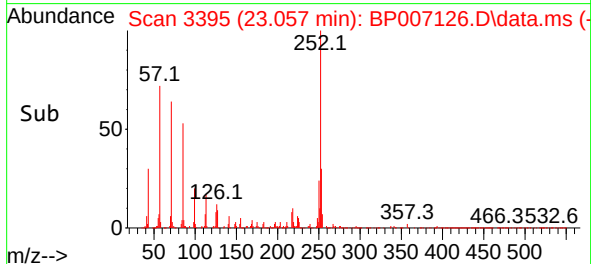
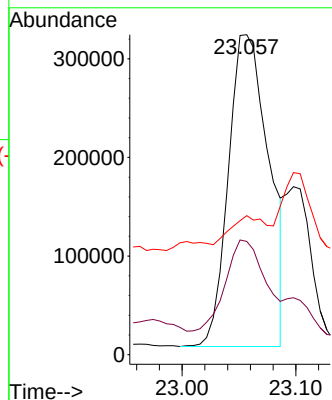
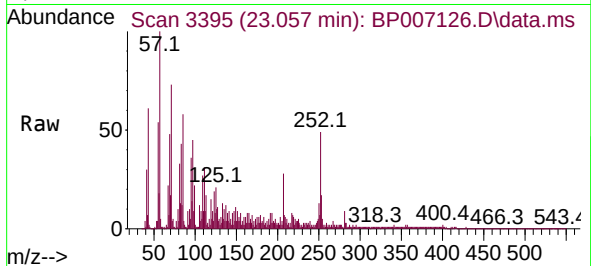




#88
Benzo(b)fluoranthene
Concen: 7.985 ng
RT: 23.057 min Scan# 3395
Delta R.T. 0.024 min
Lab File: BP007126.D
Acq: 23 Sep 2021 15:08

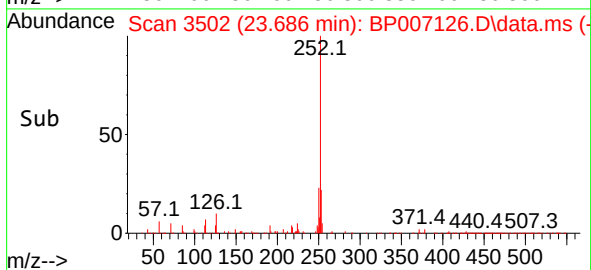
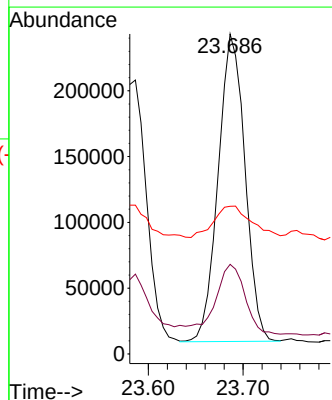
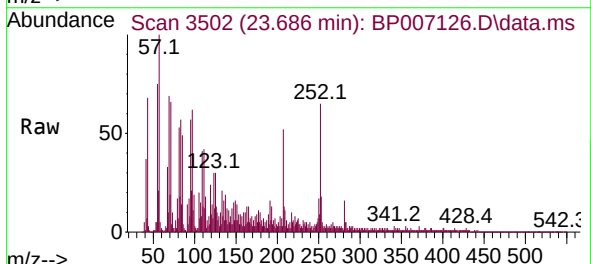
Instrument :
BNA_P
ClientSampleId :
SS02-BL-(0.0)

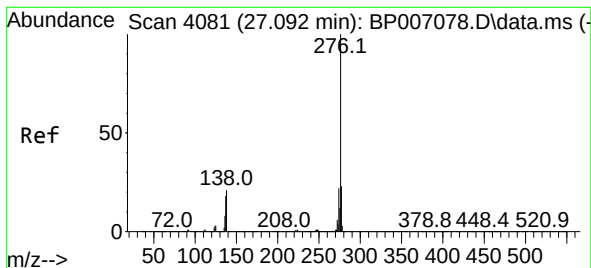
Tgt Ion:252 Resp: 783056
Ion Ratio Lower Upper
252 100
253 35.4 17.5 26.3#
125 43.4 6.2 9.4#



#90
Benzo(a)pyrene
Concen: 5.512 ng
RT: 23.686 min Scan# 3502
Delta R.T. 0.018 min
Lab File: BP007126.D
Acq: 23 Sep 2021 15:08

Tgt Ion:252 Resp: 459263
Ion Ratio Lower Upper
252 100
253 28.0 17.9 26.9#
125 46.2 6.5 9.7#





#92
Benzo(g,h,i)perylene
Concen: 4.180 ng
RT: 27.121 min Scan# 4086
Delta R.T. 0.047 min
Lab File: BP007126.D
Acq: 23 Sep 2021 15:08

Instrument :
BNA_P
ClientSampleId :
SS02-BL-(0.0)

Tgt Ion:276 Resp: 403161
Ion Ratio Lower Upper
276 100
277 28.0 18.9 28.3
138 30.3 12.6 18.8#

