

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)

Manual Integrations
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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
71) Phenanthrene	17.316	178	355303m	4.233	ng	
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
89) Benzo(k)fluoranthene	23.098	252	263824m	2.657	ng	
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

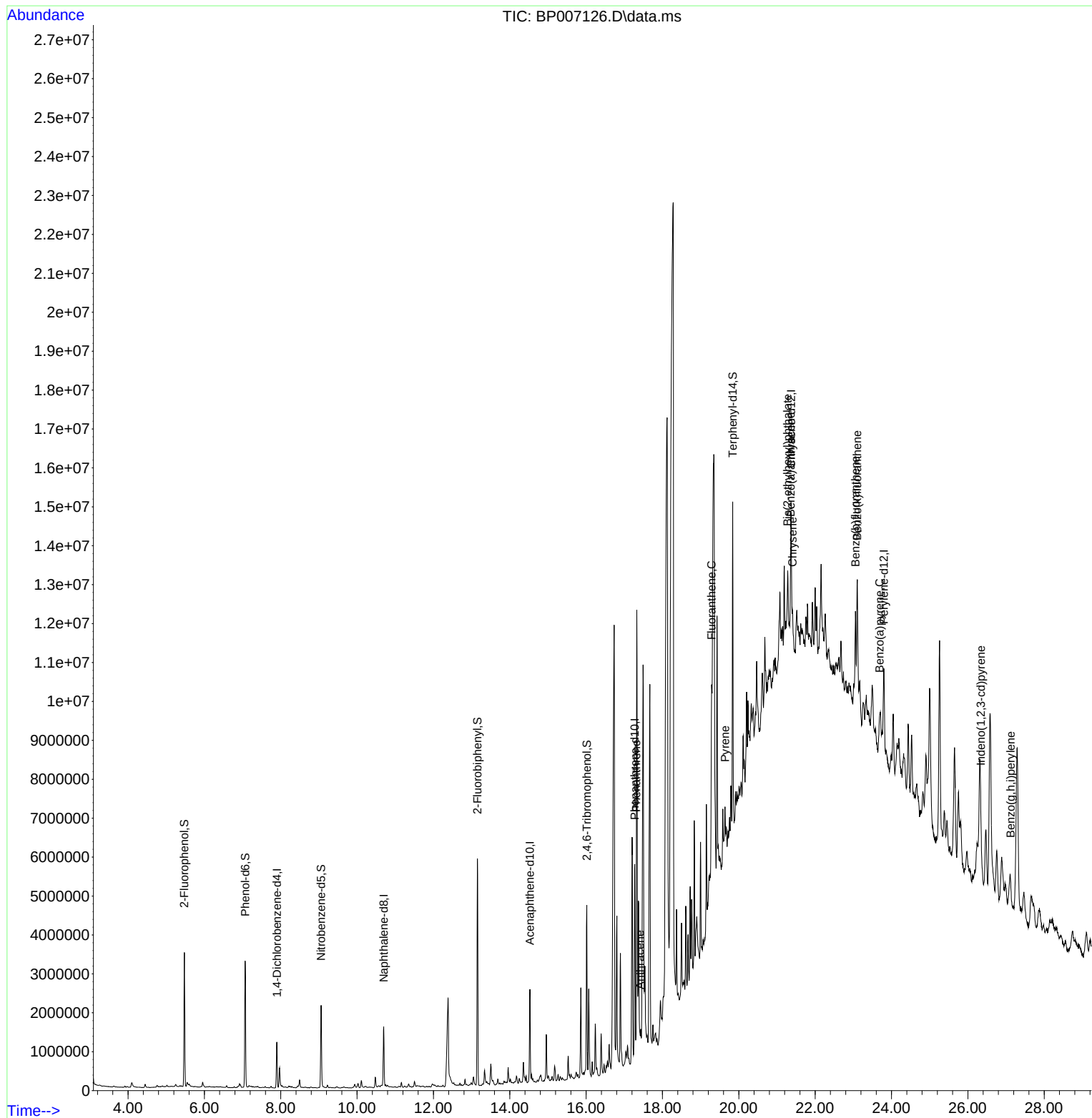
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092321\
Data File : BP007126.D
Acq On : 23 Sep 2021 15:08
Operator : CG/JU
Sample : M3871-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

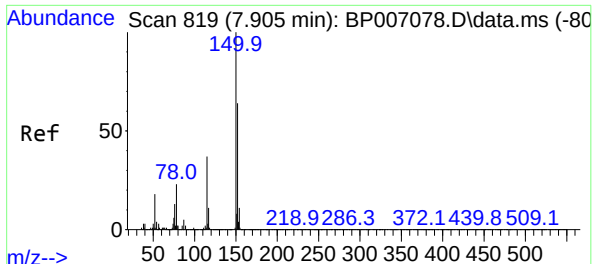
Instrument :
BNA_P
ClientSampled :
SS02-BL-(0.0)

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
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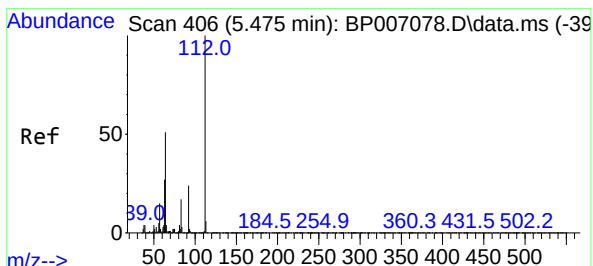
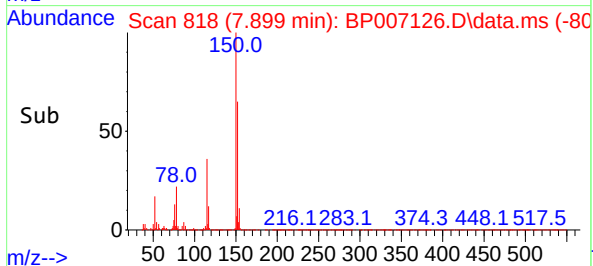
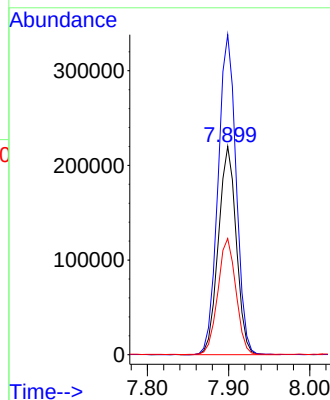
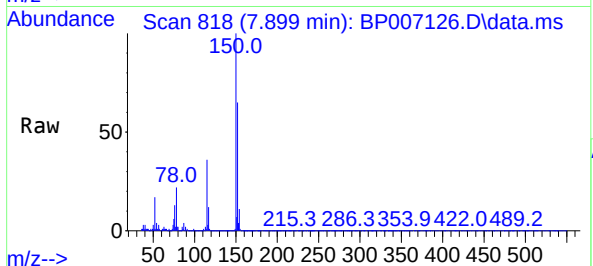
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.899 min Scan# 818
Delta R.T. 0.006 min
Lab File: BP007126.D
Acq: 23 Sep 2021 15:08

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

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

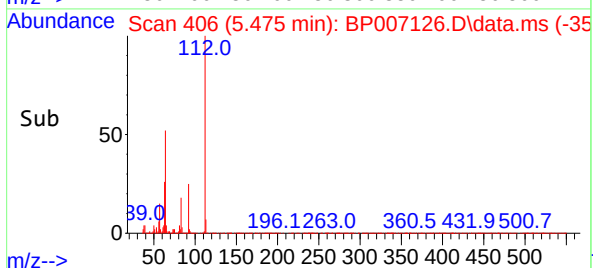
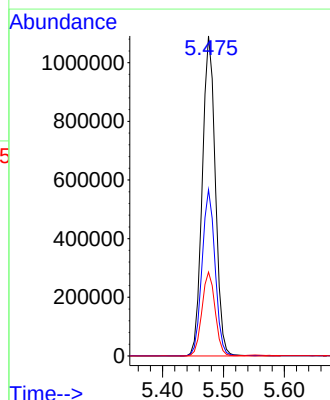
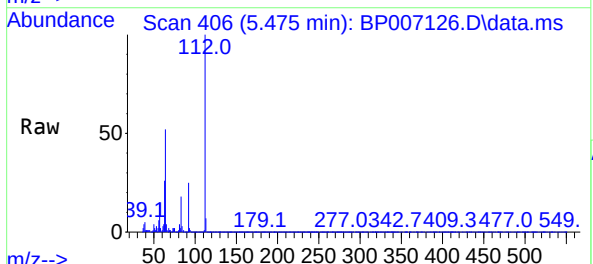
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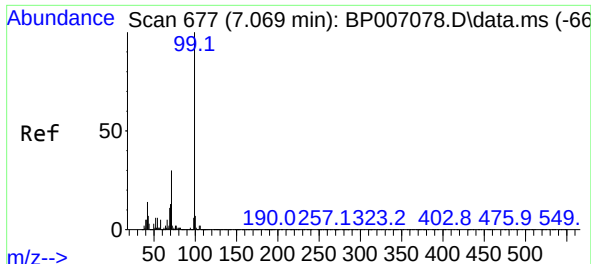
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#5
2-Fluorophenol
Concen: 80.613 ng
RT: 5.475 min Scan# 406
Delta R.T. 0.012 min
Lab File: BP007126.D
Acq: 23 Sep 2021 15:08

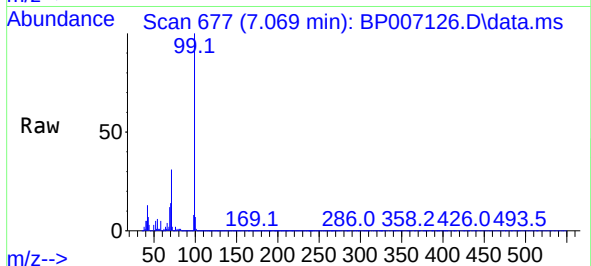
Tgt Ion:112 Resp: 1622485
Ion Ratio Lower Upper
112 100
64 52.0 41.4 62.2
63 26.2 23.8 35.8





#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

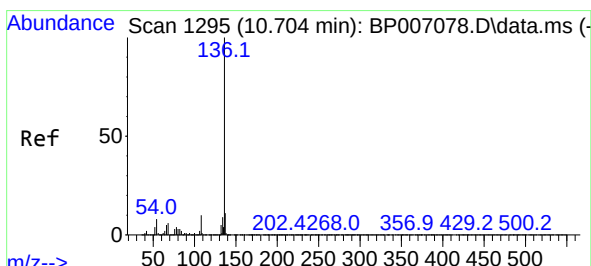
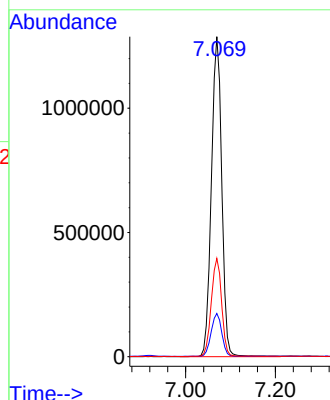
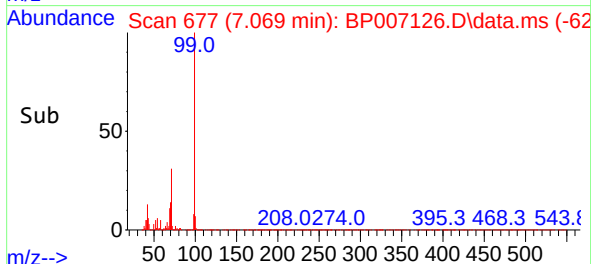
Instrument :
BNA_P
ClientSampleId :
SS02-BL-(0.0)



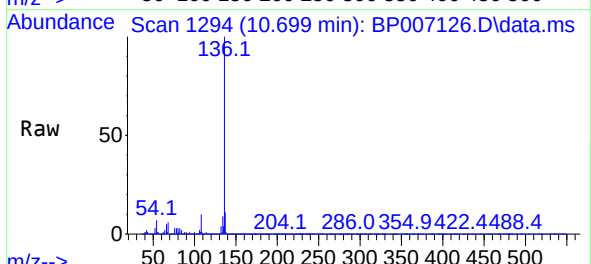
Tgt Ion: 99 Resp: 2059644
Ion Ratio Lower Upper
99 100
42 13.5 13.4 20.0
71 30.7 30.6 46.0

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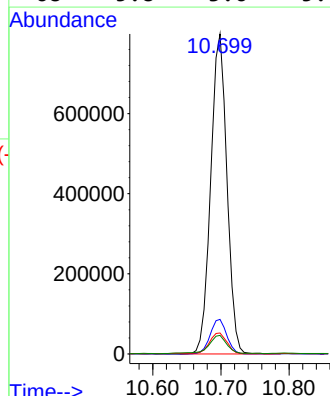
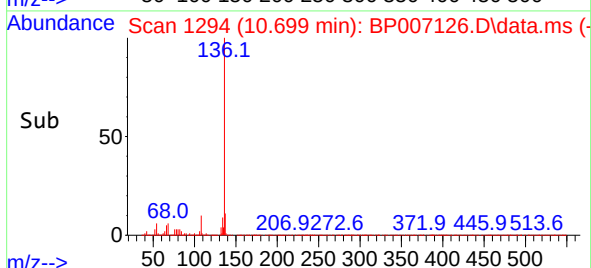
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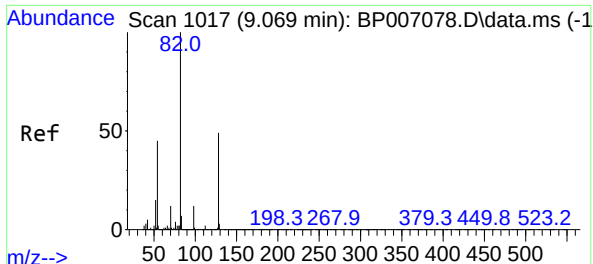


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.699 min Scan# 1294
Delta R.T. 0.006 min
Lab File: BP007126.D
Acq: 23 Sep 2021 15:08



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





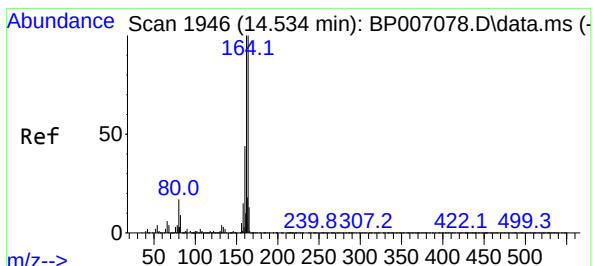
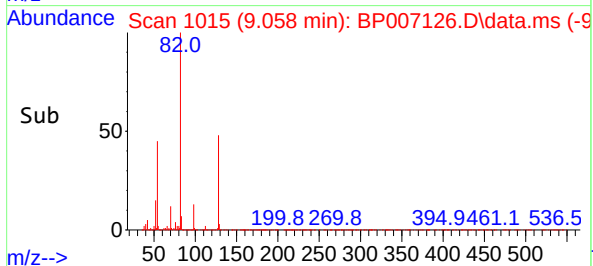
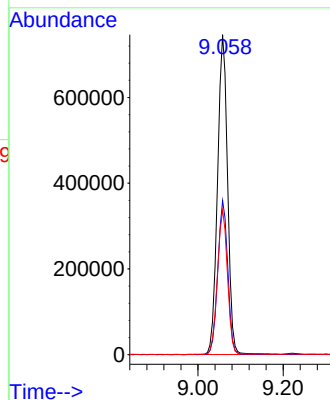
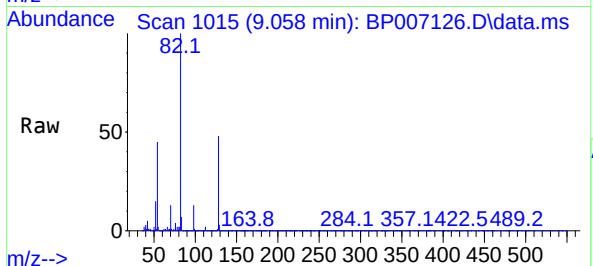
#23
Nitrobenzene-d5
Concen: 53.923 ng
RT: 9.058 min Scan# 1015
Delta R.T. 0.000 min
Lab File: BP007126.D
Acq: 23 Sep 2021 15:08

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

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

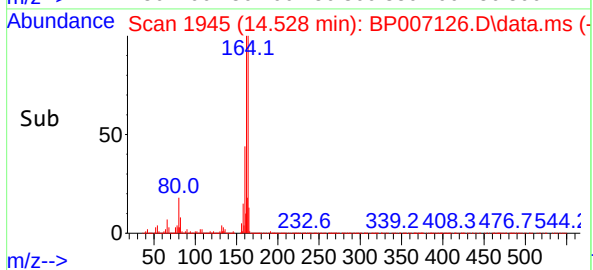
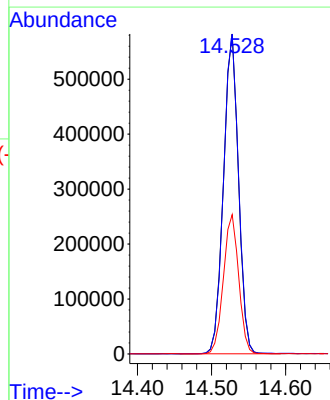
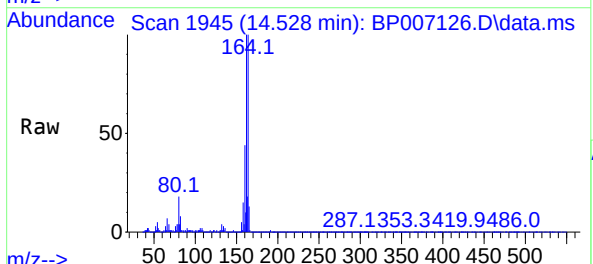
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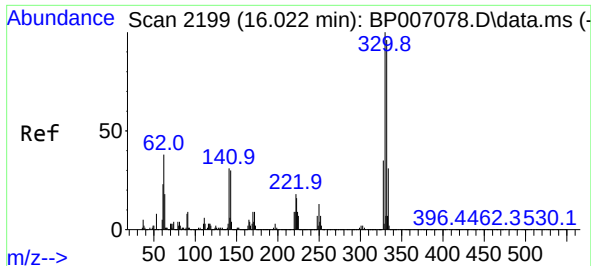
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.528 min Scan# 1945
Delta R.T. 0.000 min
Lab File: BP007126.D
Acq: 23 Sep 2021 15:08

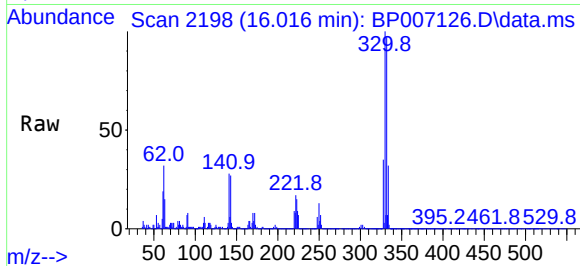
Tgt Ion: 164 Resp: 814792
Ion Ratio Lower Upper
164 100
162 99.9 80.2 120.2
160 43.6 34.5 51.7





#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

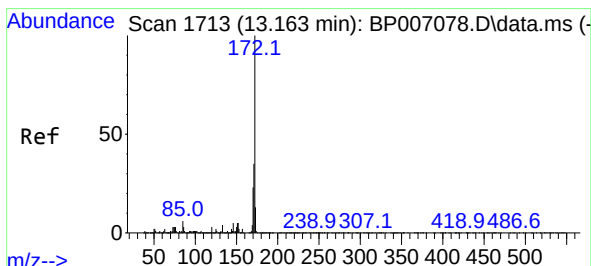
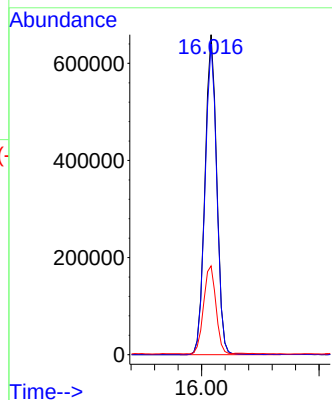
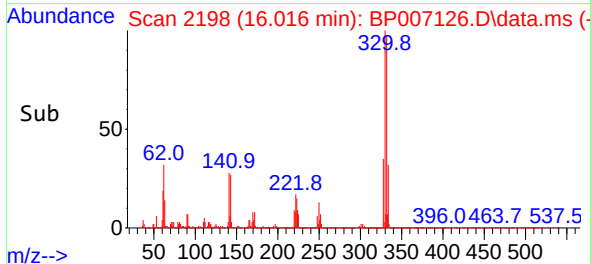
Instrument :
BNA_P
ClientSampleId :
SS02-BL-(0.0)



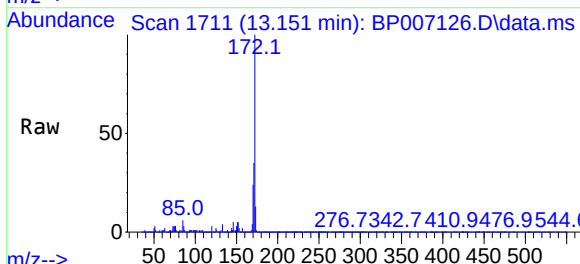
Tgt Ion:330 Resp: 917537
Ion Ratio Lower Upper
330 100
332 96.7 77.8 116.8
141 28.7 25.4 38.2

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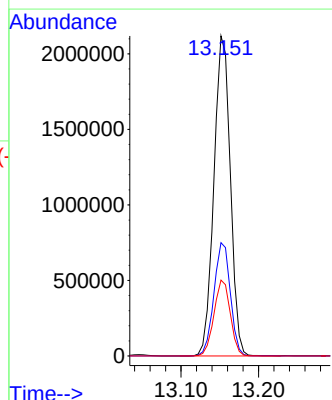
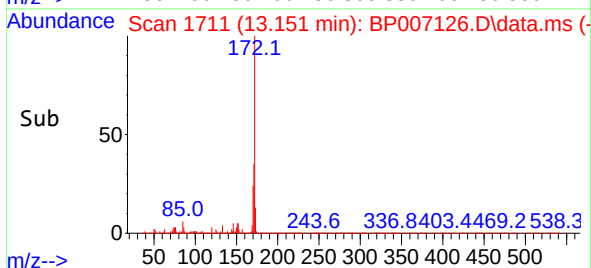
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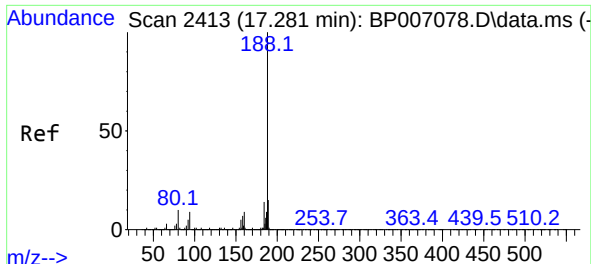


#45
2-Fluorobiphenyl
Concen: 54.864 ng
RT: 13.151 min Scan# 1711
Delta R.T. 0.000 min
Lab File: BP007126.D
Acq: 23 Sep 2021 15:08



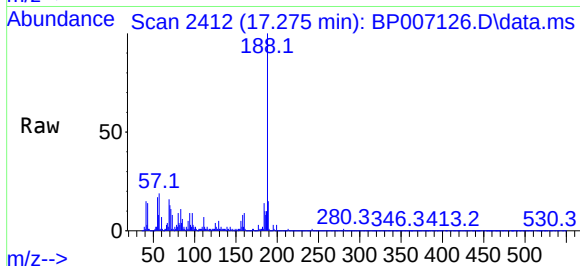
Tgt Ion:172 Resp: 3120347
Ion Ratio Lower Upper
172 100
171 35.4 27.9 41.9
170 23.7 18.6 27.8





#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

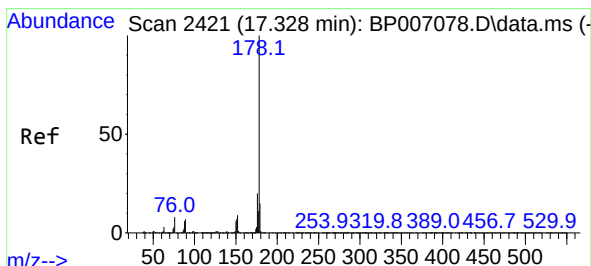
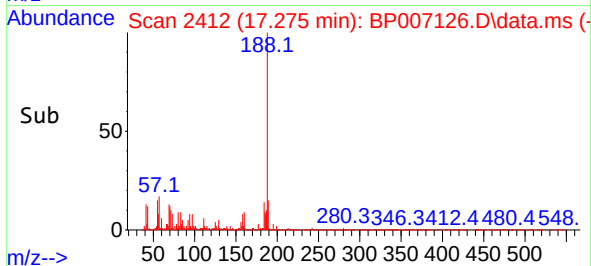
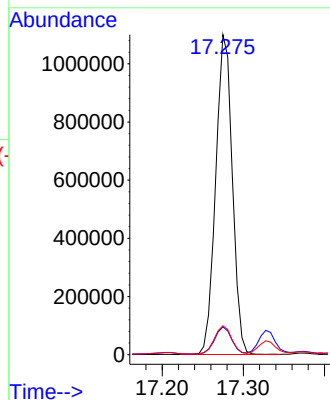
Instrument :
BNA_P
ClientSampleId :
SS02-BL-(0.0)



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

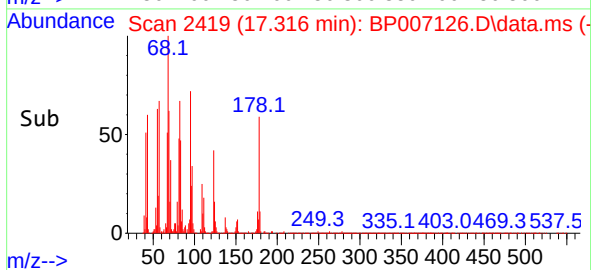
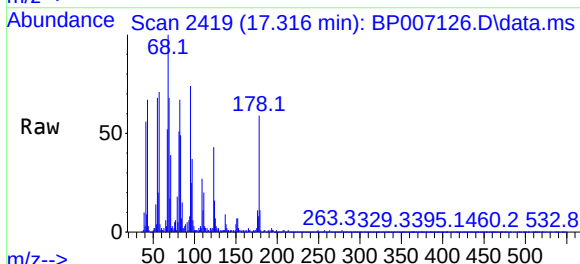
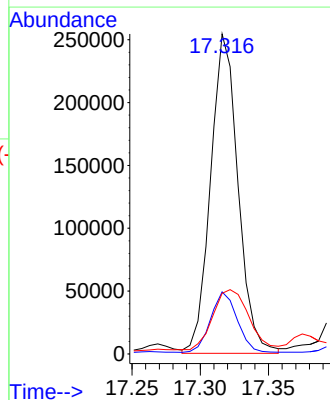
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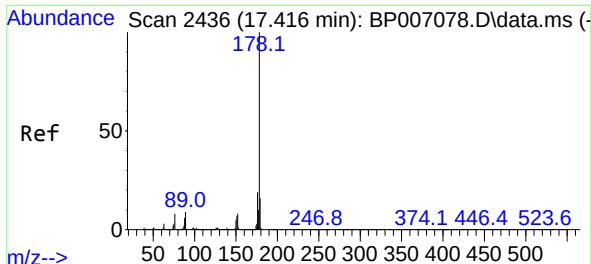
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#71
Phenanthrene
Concen: 4.233 ng m
RT: 17.316 min Scan# 2419
Delta R.T. 0.000 min
Lab File: BP007126.D
Acq: 23 Sep 2021 15:08

Tgt Ion:178 Resp: 355303
Ion Ratio Lower Upper
178 100
176 19.4 15.1 22.7
179 18.9 12.4 18.6#





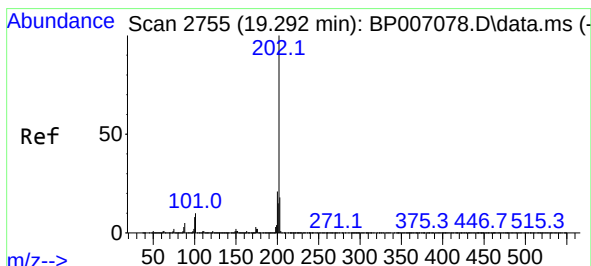
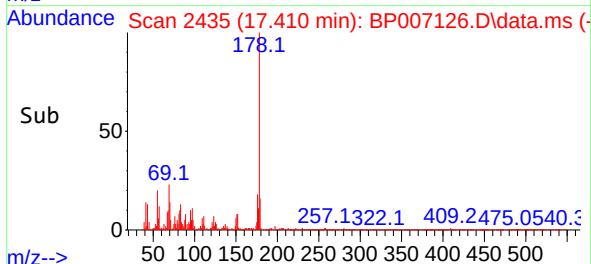
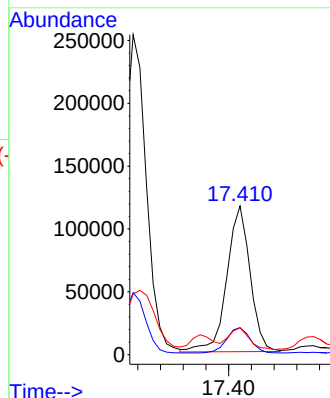
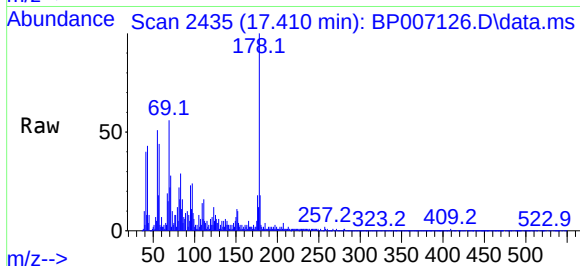
#72
 Anthracene
 Concen: 2.013 ng
 RT: 17.410 min Scan# 2435
 Delta R.T. 0.000 min
 Lab File: BP007126.D
 Acq: 23 Sep 2021 15:08

Instrument :
 BNA_P
 ClientSampleId :
 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

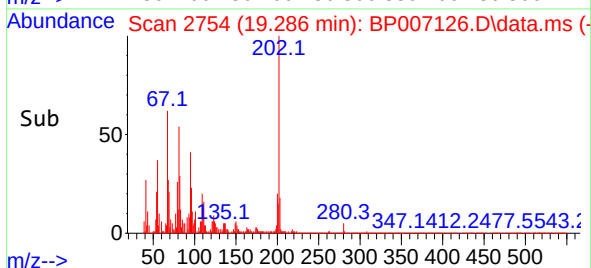
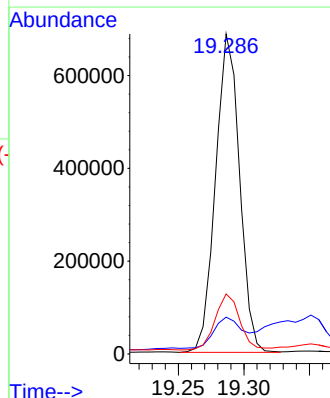
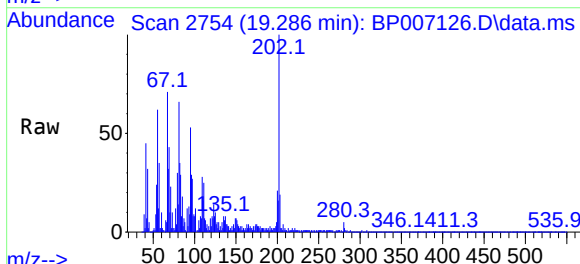
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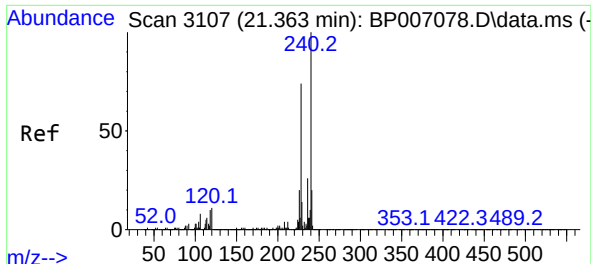
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#75
 Fluoranthene
 Concen: 9.019 ng
 RT: 19.286 min Scan# 2754
 Delta R.T. 0.006 min
 Lab File: BP007126.D
 Acq: 23 Sep 2021 15:08

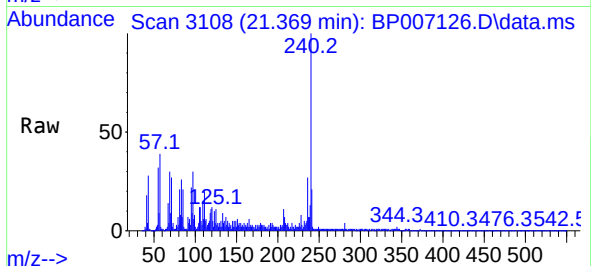
Tgt Ion:202 Resp: 872249
 Ion Ratio Lower Upper
 202 100
 101 11.5 0.0 27.6
 203 18.8 0.0 37.8





#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

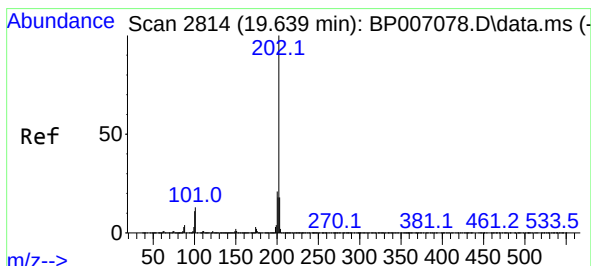
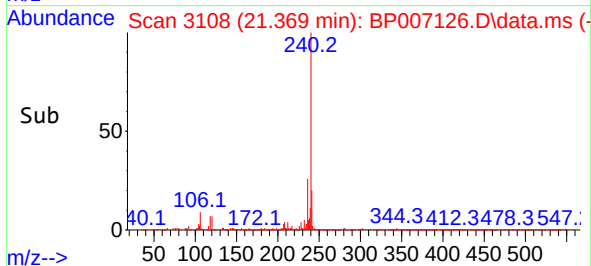
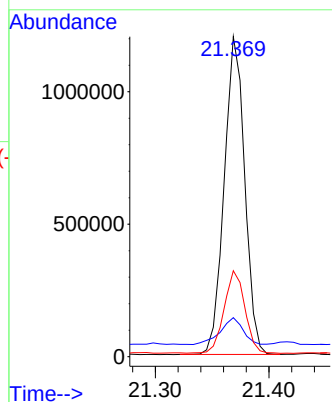
Instrument :
BNA_P
ClientSampleId :
SS02-BL-(0.0)



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

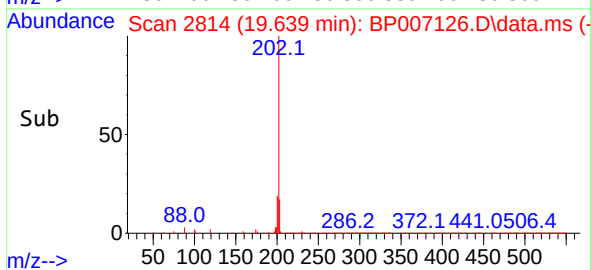
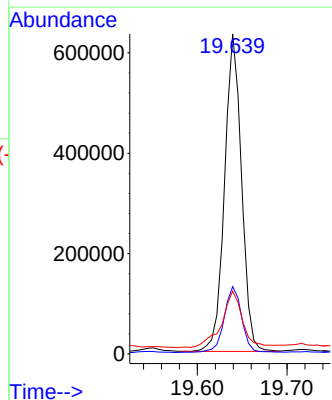
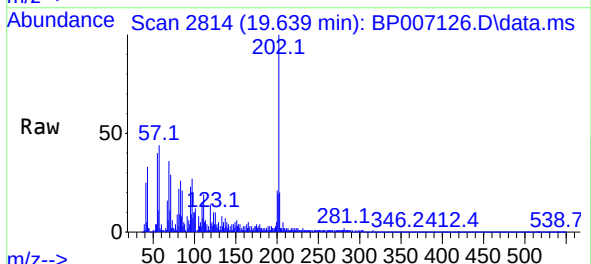
Manual Integrations
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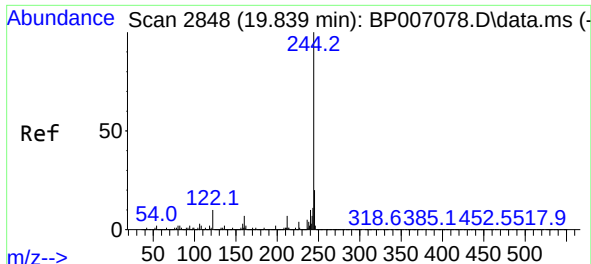
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#78
Pyrene
Concen: 8.393 ng
RT: 19.639 min Scan# 2814
Delta R.T. 0.006 min
Lab File: BP007126.D
Acq: 23 Sep 2021 15:08

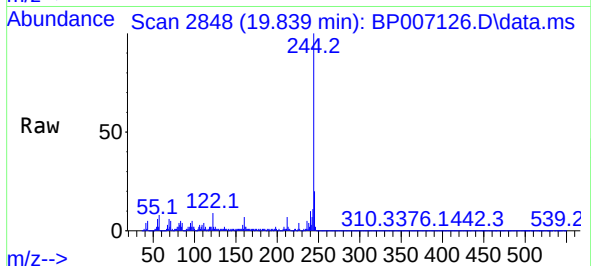
Tgt Ion:202 Resp: 830214
Ion Ratio Lower Upper
202 100
200 21.1 16.3 24.5
203 19.7 14.2 21.2





#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

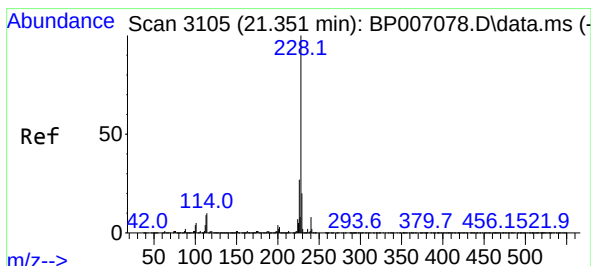
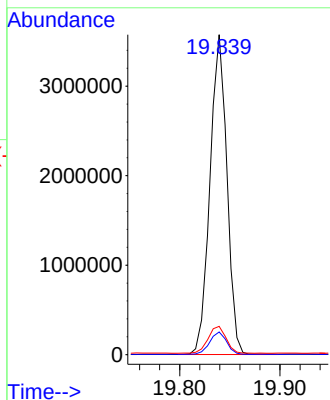
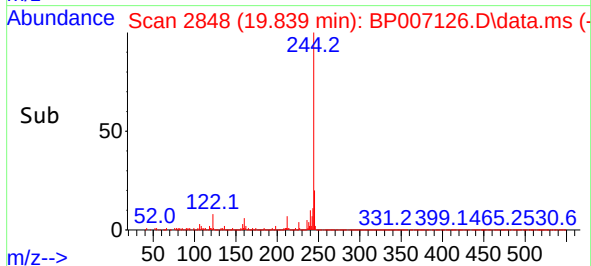
Instrument :
BNA_P
ClientSampleId :
SS02-BL-(0.0)



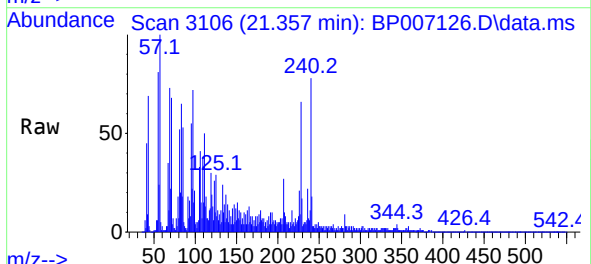
Tgt Ion:244 Resp: 4194873
Ion Ratio Lower Upper
244 100
212 7.1 6.0 9.0
122 8.9 7.1 10.7

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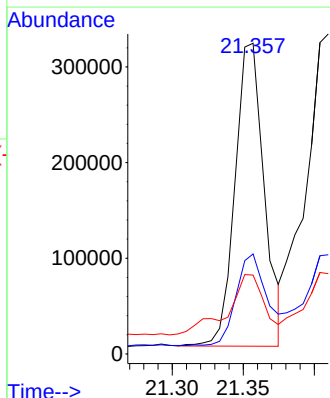
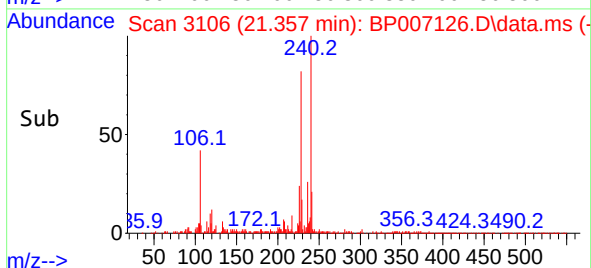
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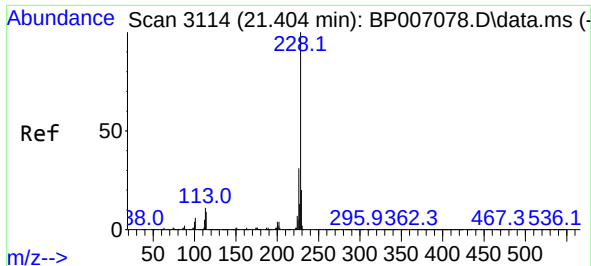


#81
Benzo(a)anthracene
Concen: 4.629 ng
RT: 21.357 min Scan# 3106
Delta R.T. 0.012 min
Lab File: BP007126.D
Acq: 23 Sep 2021 15:08



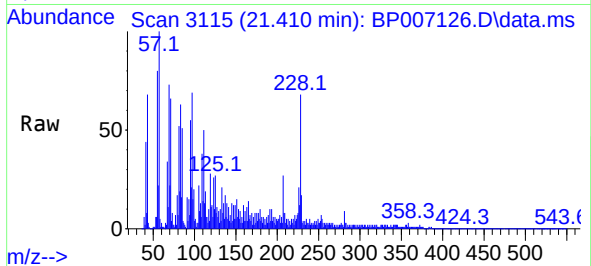
Tgt Ion:228 Resp: 453009
Ion Ratio Lower Upper
228 100
226 32.2 21.6 32.4
229 25.4 15.8 23.6#





#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

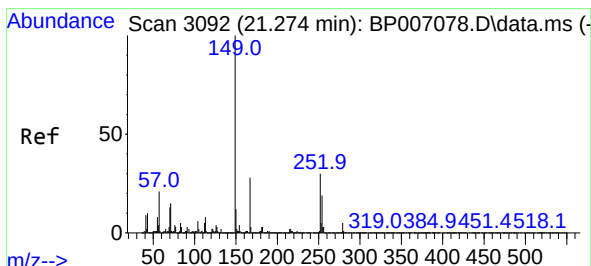
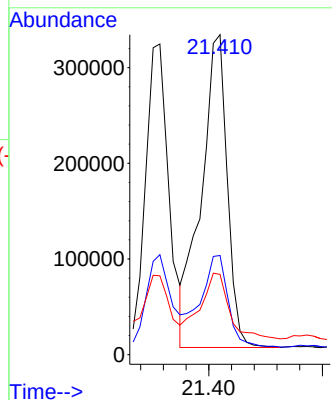
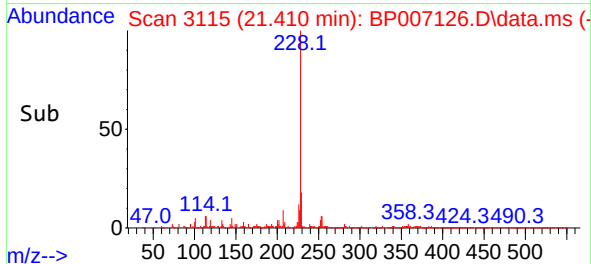
Instrument :
BNA_P
ClientSampleId :
SS02-BL-(0.0)



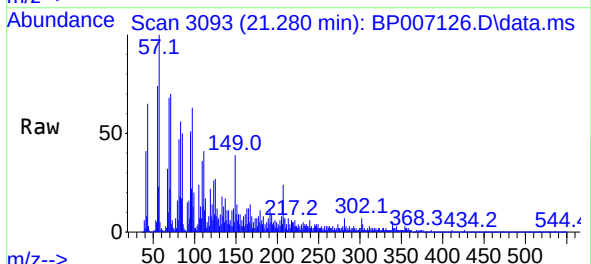
Tgt Ion:228 Resp: 522000
Ion Ratio Lower Upper
228 100
226 31.0 23.8 35.6
229 25.1 15.4 23.2#

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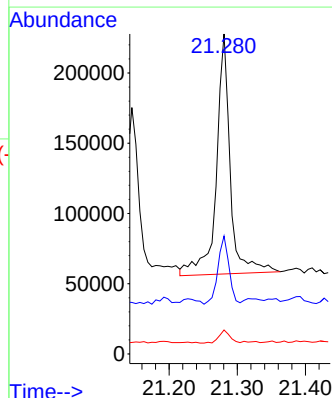
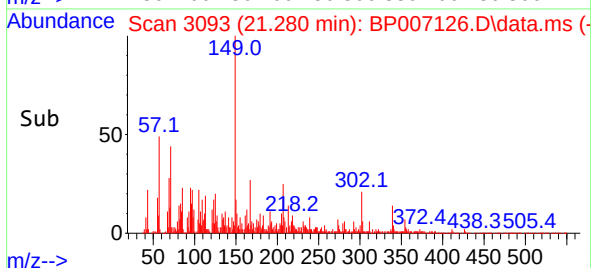
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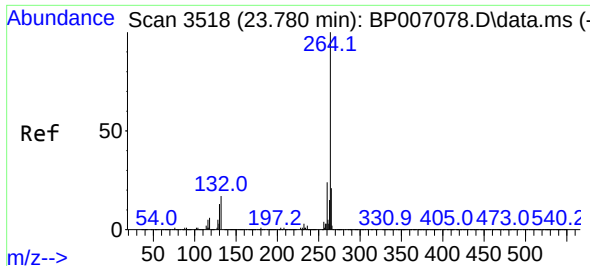


#84
Bis(2-ethylhexyl)phthalate
Concen: 4.268 ng
RT: 21.280 min Scan# 3093
Delta R.T. 0.012 min
Lab File: BP007126.D
Acq: 23 Sep 2021 15:08



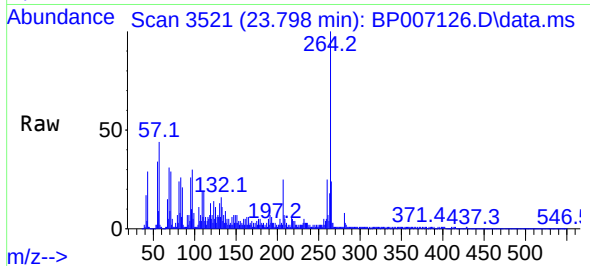
Tgt Ion:149 Resp: 243103
Ion Ratio Lower Upper
149 100
167 36.8 21.9 32.9#
279 7.5 4.3 6.5#





#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

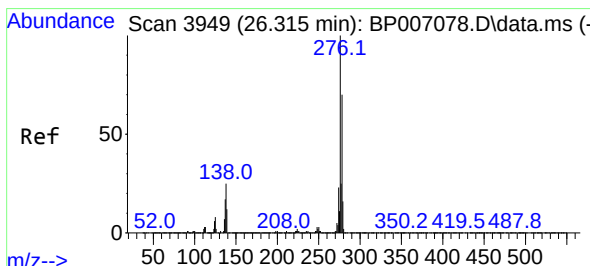
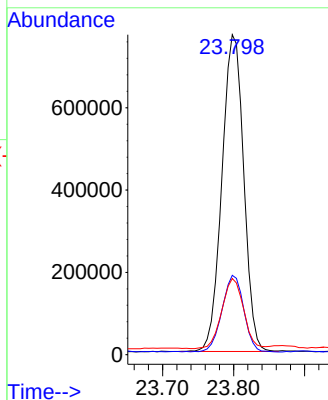
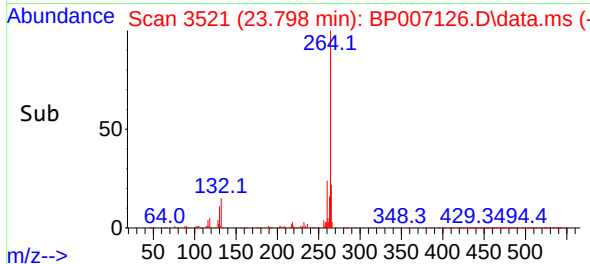
Instrument :
BNA_P
ClientSampleId :
SS02-BL-(0.0)



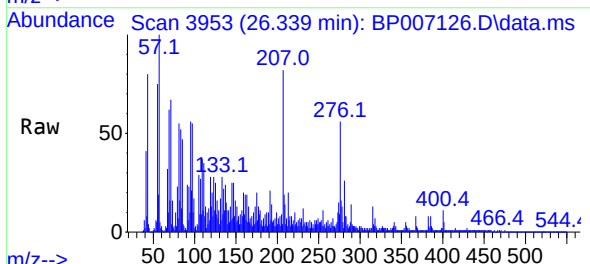
Tgt Ion:264 Resp: 1640932
Ion Ratio Lower Upper
264 100
260 24.8 18.6 28.0
265 23.8 17.6 26.4

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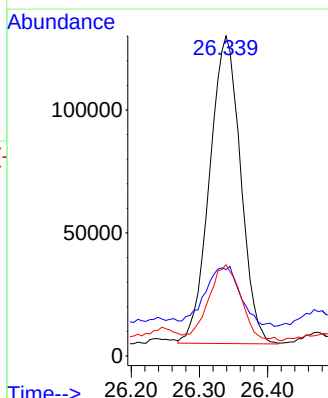
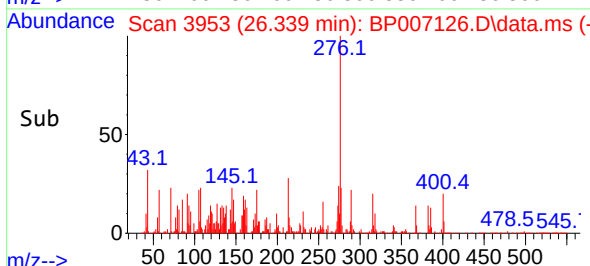
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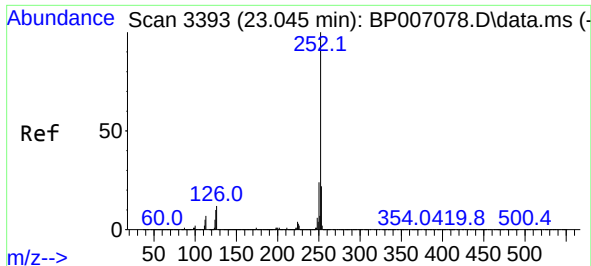


#87
Indeno(1,2,3-cd)pyrene
Concen: 3.347 ng
RT: 26.339 min Scan# 3953
Delta R.T. 0.035 min
Lab File: BP007126.D
Acq: 23 Sep 2021 15:08



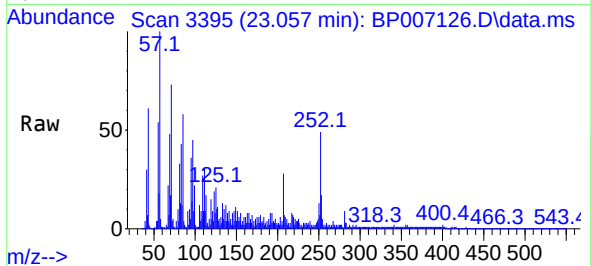
Tgt Ion:276 Resp: 394683
Ion Ratio Lower Upper
276 100
138 22.6 15.3 22.9
277 26.0 20.4 30.6





#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

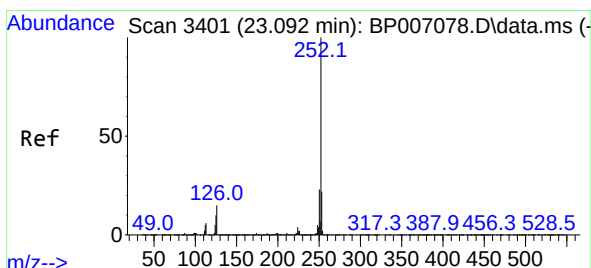
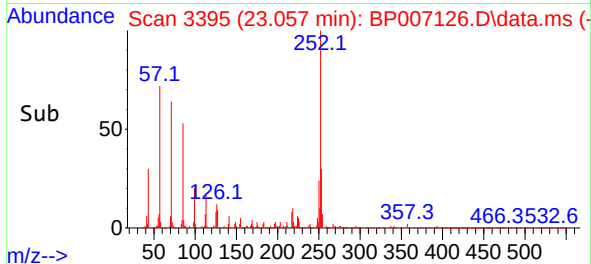
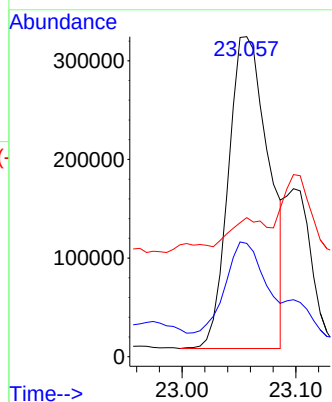
Instrument :
BNA_P
ClientSampleId :
SS02-BL-(0.0)



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#

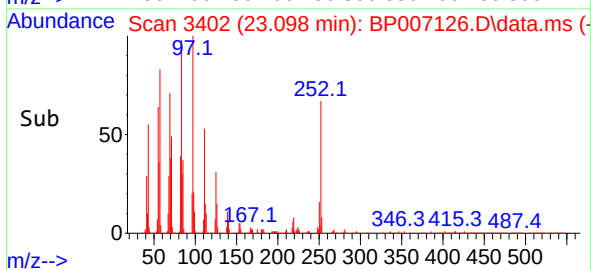
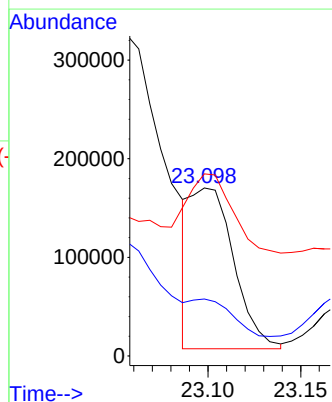
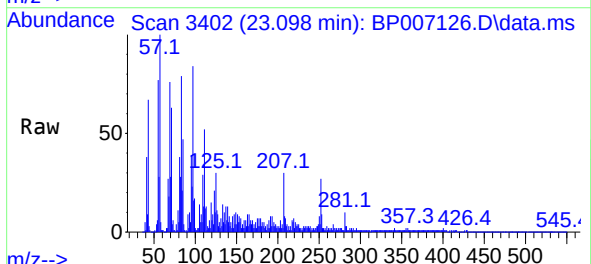
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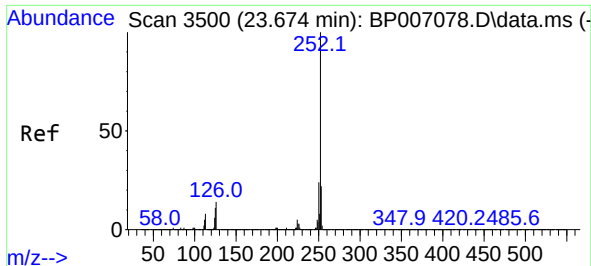
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#89
Benzo(k)fluoranthene
Concen: 2.657 ng m
RT: 23.098 min Scan# 3402
Delta R.T. 0.012 min
Lab File: BP007126.D
Acq: 23 Sep 2021 15:08

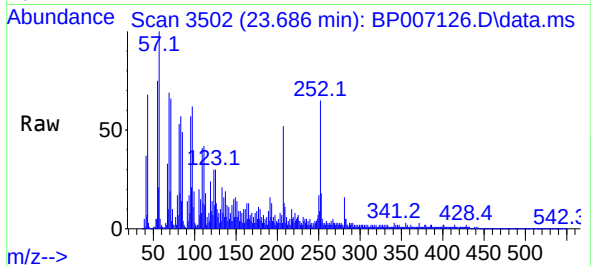
Tgt Ion:252 Resp: 263824
Ion Ratio Lower Upper
252 100
253 33.9 17.6 26.4#
125 108.3 6.0 9.0#





#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

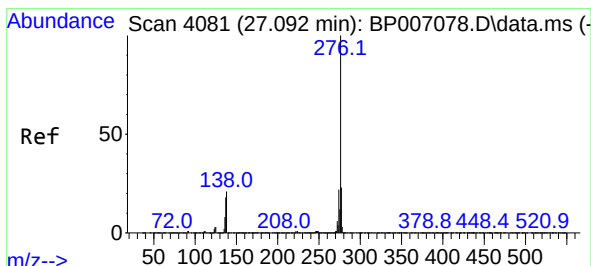
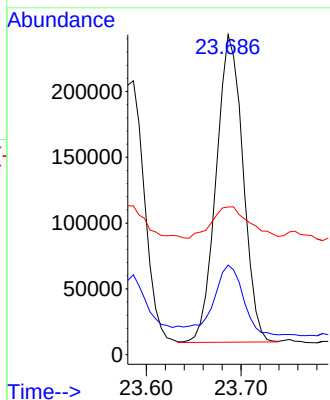
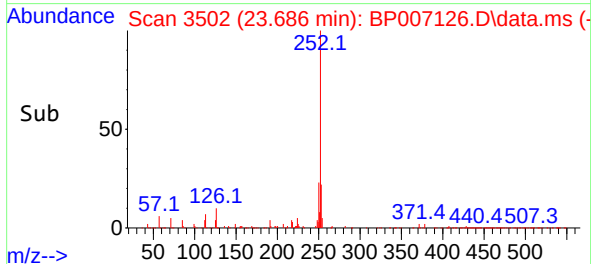
Instrument :
BNA_P
ClientSampleId :
SS02-BL-(0.0)



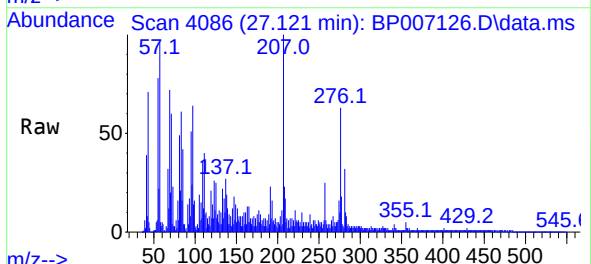
Tgt Ion: 252 Resp: 459263
Ion Ratio Lower Upper
252 100
253 28.0 17.9 26.9#
125 46.2 6.5 9.7#

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#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



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#

