

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092721\
 Data File : BP007213.D
 Acq On : 27 Sep 2021 19:32
 Operator : CG/JU
 Sample : M3946-01 2X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PL-05-092421

Manual Integrations
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Quant Time: Sep 28 02:51:14 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	313185	20.000	ng	-0.01
21) Naphthalene-d8	10.687	136	1182189	20.000	ng	# 0.00
39) Acenaphthene-d10	14.516	164	704516	20.000	ng	-0.01
64) Phenanthrene-d10	17.269	188	1246029	20.000	ng	0.00
76) Chrysene-d12	21.357	240	1055836	20.000	ng	0.00
86) Perylene-d12	23.774	264	1219536	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.458	112	838522	44.818	ng	0.00
7) Phenol-d6	7.058	99	1026047	40.125	ng	0.00
23) Nitrobenzene-d5	9.046	82	606597	29.882	ng	-0.01
42) 2,4,6-Tribromophenol	16.010	330	405976	44.448	ng	0.00
45) 2-Fluorobiphenyl	13.140	172	1479885	30.093	ng	-0.01
79) Terphenyl-d14	19.827	244	1482519	26.907	ng	0.00
Target Compounds						Qvalue
49) Acenaphthylene	14.240	152	155643	2.489	ng	97
58) Fluorene	15.563	166	148146	3.034	ng	98
71) Phenanthrene	17.310	178	2473073	37.016	ng	99
72) Anthracene	17.404	178	349603	5.349	ng	99
73) Carbazole	17.675	167	192483	3.005	ng	97
75) Fluoranthene	19.280	202	3278595	42.593	ng	98
78) Pyrene	19.633	202	2563230	37.002	ng	98
81) Benzo(a)anthracene	21.339	228	1249492	18.232	ng	97
83) Chrysene	21.392	228	1239697	18.927	ng	97
84) Bis(2-ethylhexyl)phtha...	21.251	149	95350	2.391	ng	# 78
87) Indeno(1,2,3-cd)pyrene	26.304	276	826560	9.431	ng	97
88) Benzo(b)fluoranthene	23.039	252	1747066m	23.971	ng	
89) Benzo(k)fluoranthene	23.074	252	512092m	6.940	ng	
90) Benzo(a)pyrene	23.663	252	1146158	18.511	ng	# 96
91) Dibenzo(a,h)anthracene	26.309	278	214097	2.915	ng	# 83
92) Benzo(g,h,i)perylene	27.080	276	750776	10.475	ng	95

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

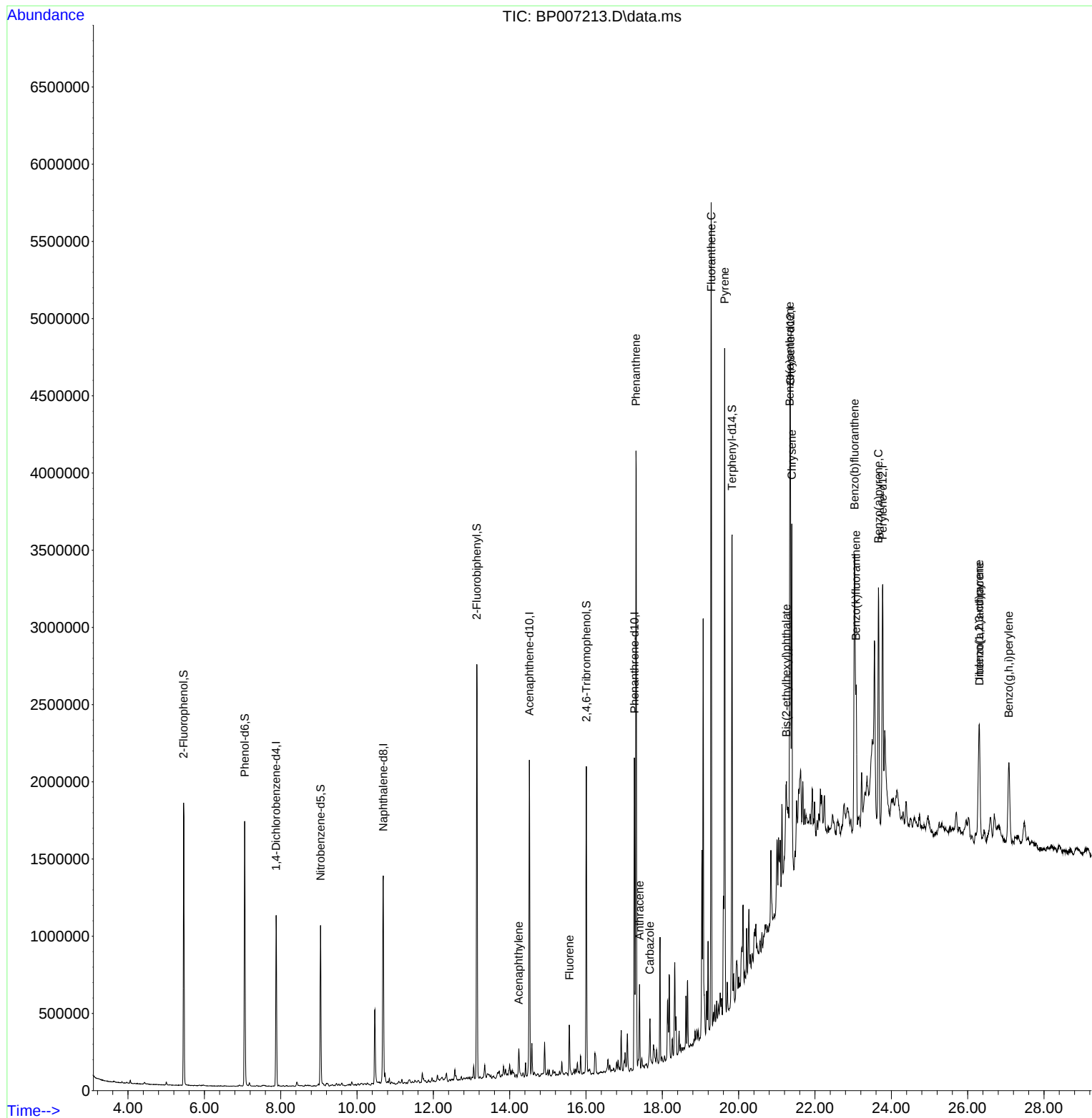
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092721\
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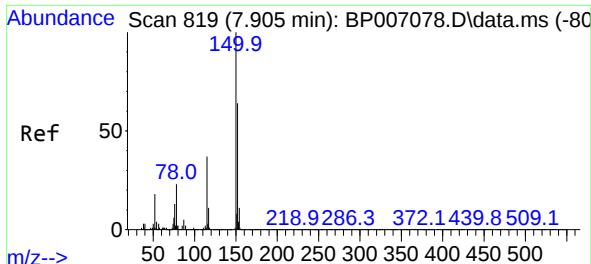
Instrument :
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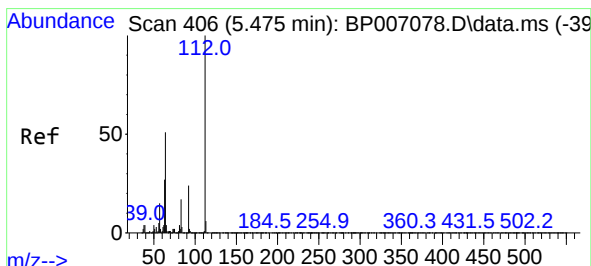
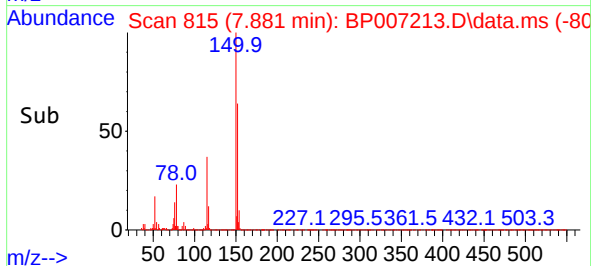
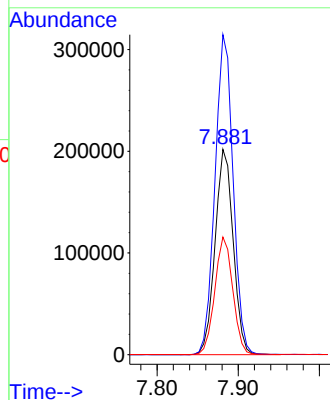
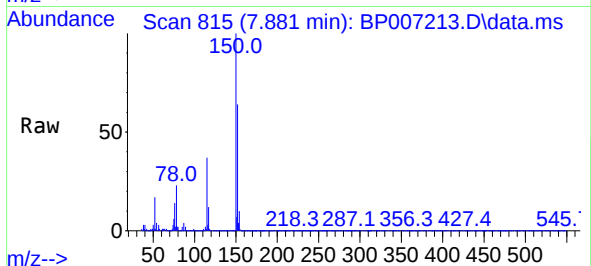
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.881 min Scan# 815
Delta R.T. -0.012 min
Lab File: BP007213.D
Acq: 27 Sep 2021 19:32

Tgt Ion:152 Resp: 313185
Ion Ratio Lower Upper
152 100
150 155.8 125.6 188.4
115 57.3 48.5 72.7

Instrument :
BNA_P
ClientSampleId :
PL-05-092421

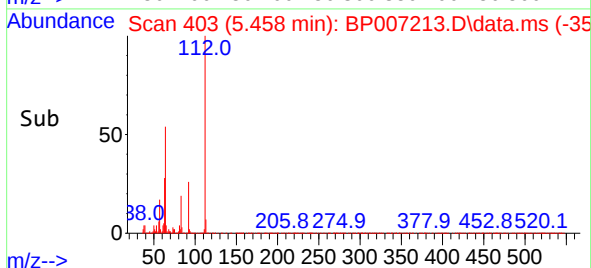
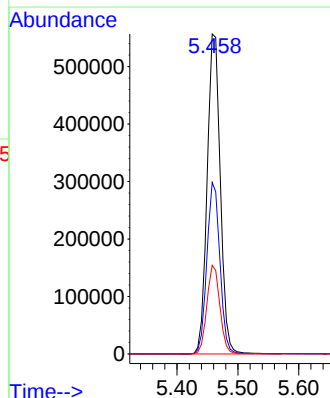
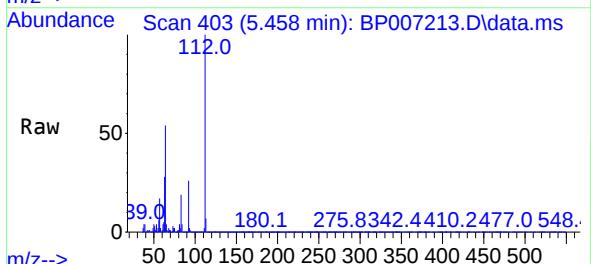
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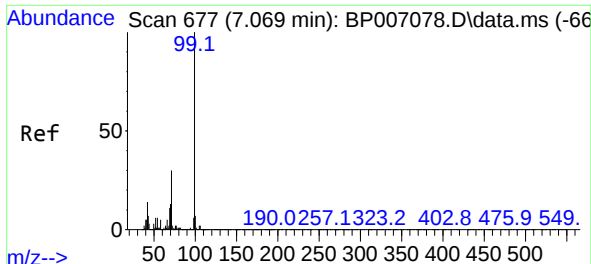
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#5
2-Fluorophenol
Concen: 44.818 ng
RT: 5.458 min Scan# 403
Delta R.T. -0.006 min
Lab File: BP007213.D
Acq: 27 Sep 2021 19:32

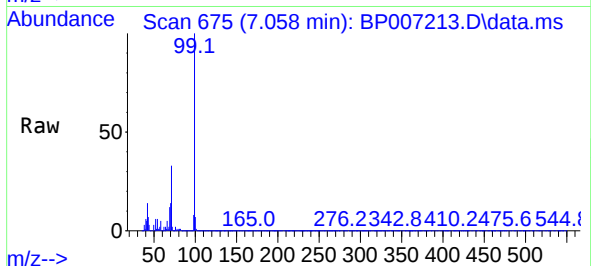
Tgt Ion:112 Resp: 838522
Ion Ratio Lower Upper
112 100
64 53.6 41.4 62.2
63 27.7 23.8 35.8





#7
Phenol-d6
Concen: 40.125 ng
RT: 7.058 min Scan# 675
Delta R.T. -0.006 min
Lab File: BP007213.D
Acq: 27 Sep 2021 19:32

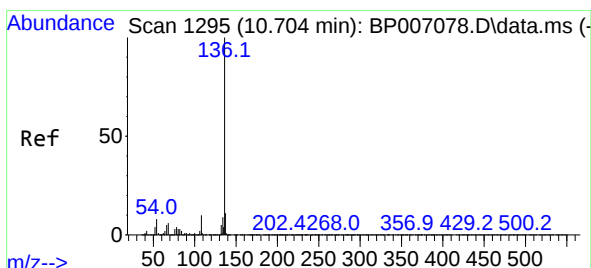
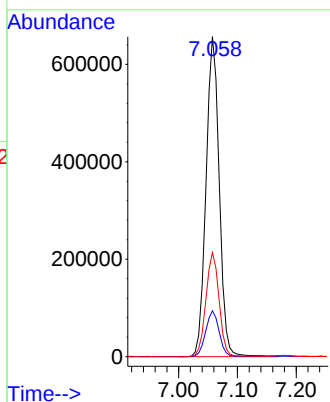
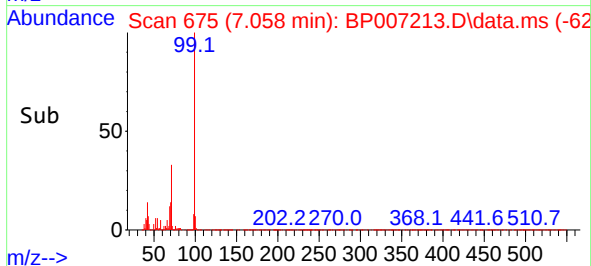
Instrument :
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ClientSampleId :
PL-05-092421



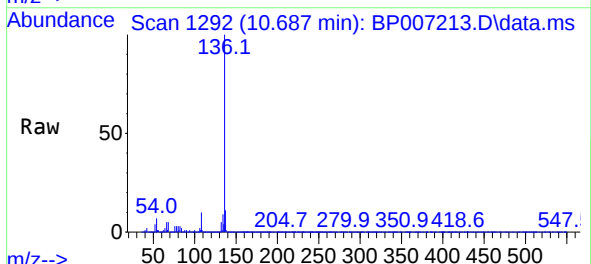
Tgt Ion: 99 Resp: 1026047
Ion Ratio Lower Upper
99 100
42 14.4 13.4 20.0
71 32.5 30.6 46.0

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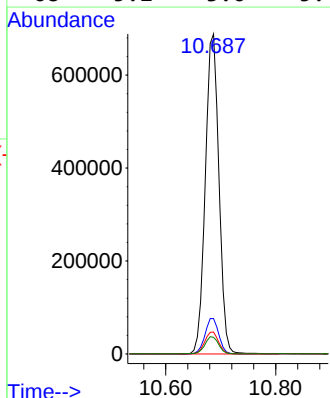
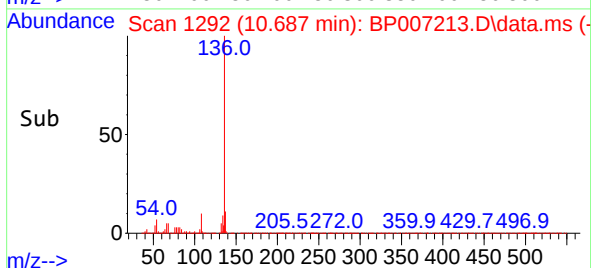
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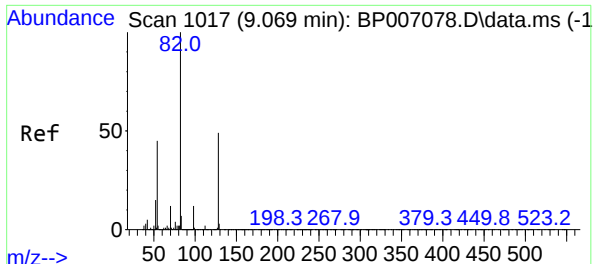


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.687 min Scan# 1292
Delta R.T. -0.006 min
Lab File: BP007213.D
Acq: 27 Sep 2021 19:32



Tgt Ion: 136 Resp: 1182189
Ion Ratio Lower Upper
136 100
137 11.0 8.6 12.8
54 6.8 4.6 6.8#
68 5.2 3.6 5.4





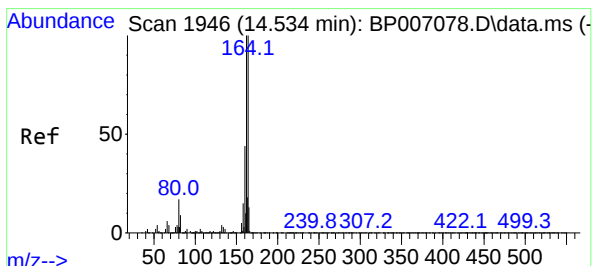
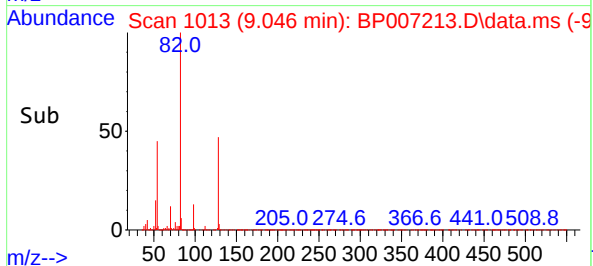
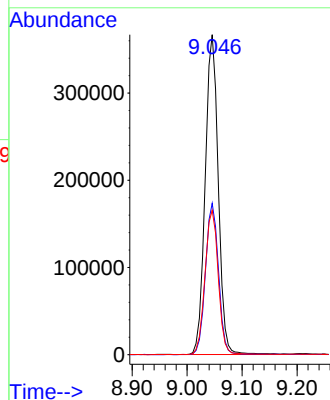
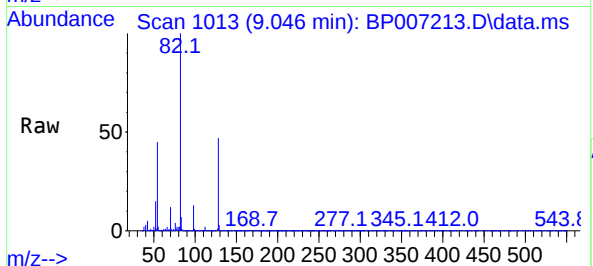
#23
Nitrobenzene-d5
Concen: 29.882 ng
RT: 9.046 min Scan# 1013
Delta R.T. -0.012 min
Lab File: BP007213.D
Acq: 27 Sep 2021 19:32

Tgt Ion: 82 Resp: 606597
Ion Ratio Lower Upper
82 100
128 47.3 35.7 53.5
54 45.1 35.0 52.4

Instrument :
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ClientSampleId :
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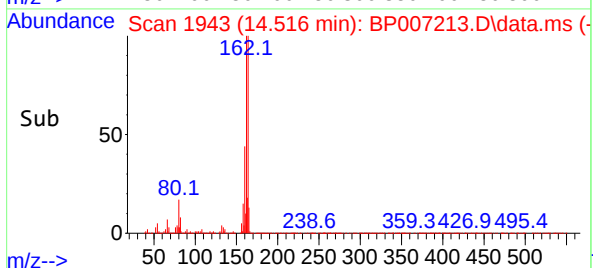
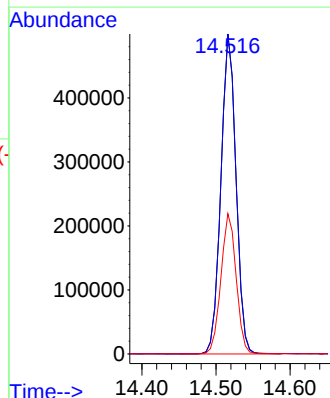
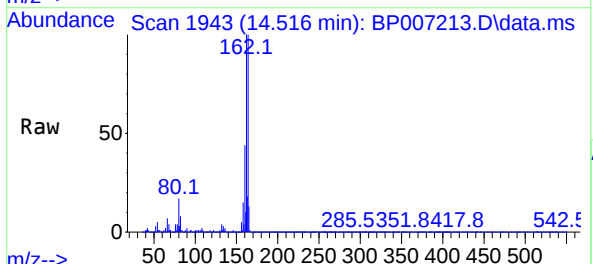
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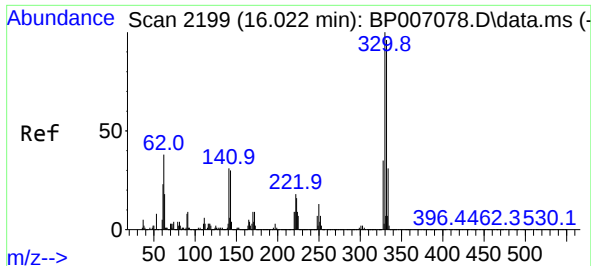
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.516 min Scan# 1943
Delta R.T. -0.012 min
Lab File: BP007213.D
Acq: 27 Sep 2021 19:32

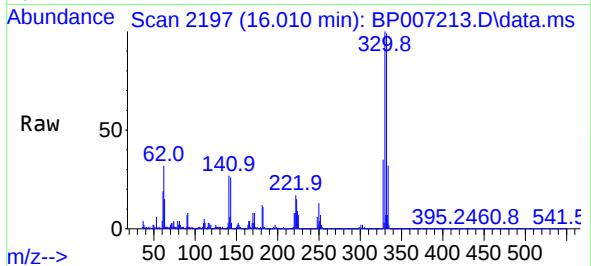
Tgt Ion: 164 Resp: 704516
Ion Ratio Lower Upper
164 100
162 99.9 80.2 120.2
160 43.9 34.5 51.7





#42
2,4,6-Tribromophenol
Concen: 44.448 ng
RT: 16.010 min Scan# 2197
Delta R.T. -0.006 min
Lab File: BP007213.D
Acq: 27 Sep 2021 19:32

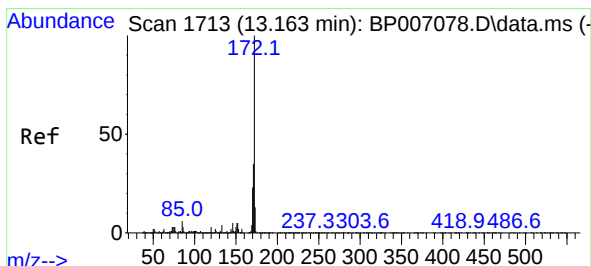
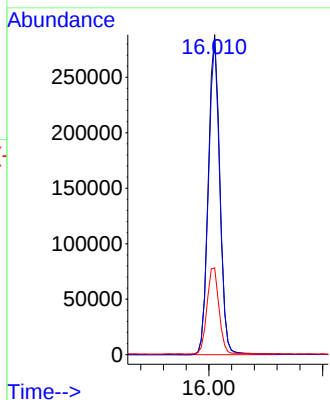
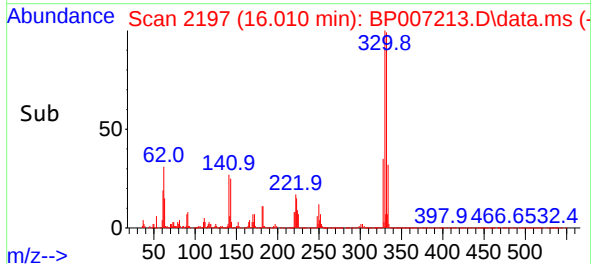
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PL-05-092421



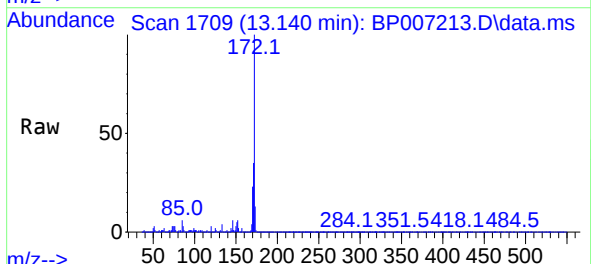
Tgt Ion:330 Resp: 405976
Ion Ratio Lower Upper
330 100
332 96.5 77.8 116.8
141 28.0 25.4 38.2

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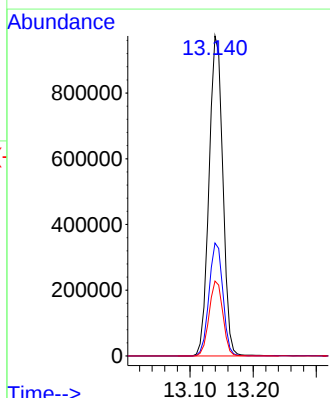
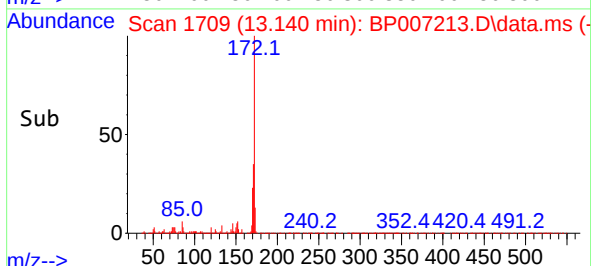
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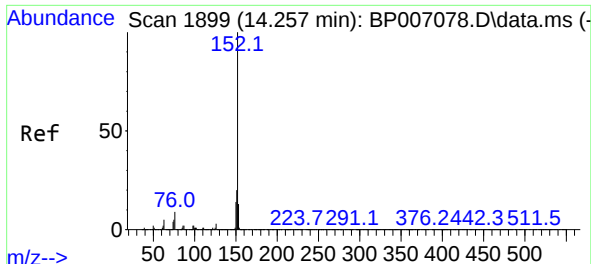


#45
2-Fluorobiphenyl
Concen: 30.093 ng
RT: 13.140 min Scan# 1709
Delta R.T. -0.012 min
Lab File: BP007213.D
Acq: 27 Sep 2021 19:32



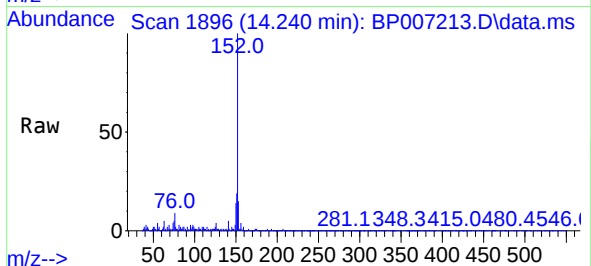
Tgt Ion:172 Resp: 1479885
Ion Ratio Lower Upper
172 100
171 35.3 27.9 41.9
170 23.4 18.6 27.8





#49
Acenaphthylene
Concen: 2.489 ng
RT: 14.240 min Scan# 1896
Delta R.T. -0.006 min
Lab File: BP007213.D
Acq: 27 Sep 2021 19:32

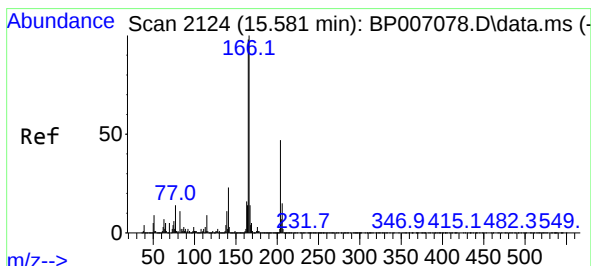
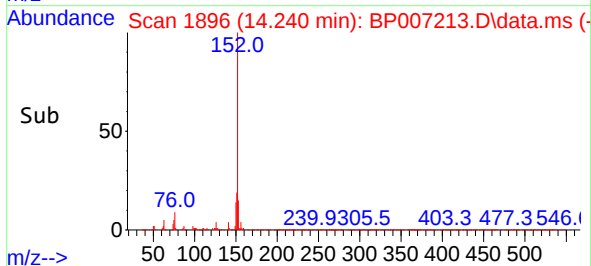
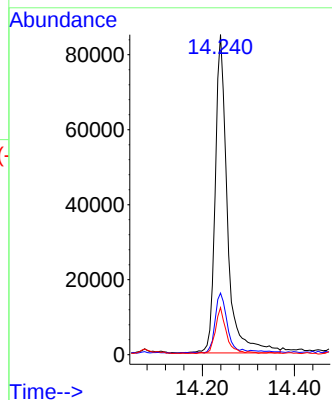
Instrument :
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Tgt Ion:152 Resp: 155643
Ion Ratio Lower Upper
152 100
151 19.3 16.2 24.2
153 14.7 10.6 16.0

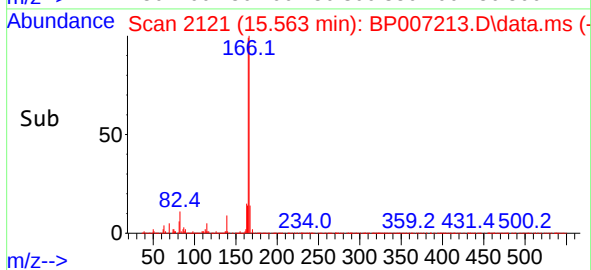
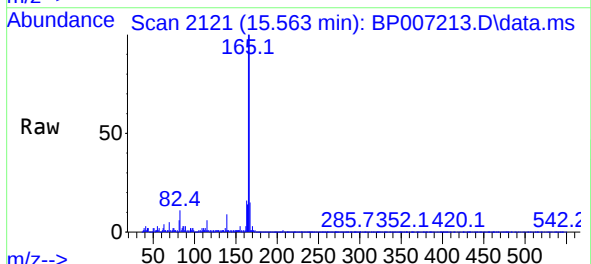
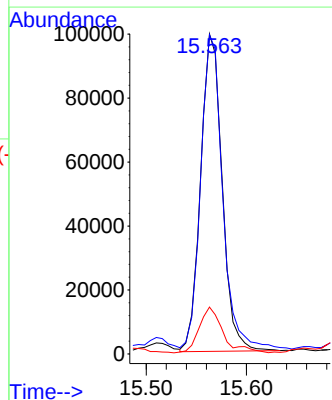
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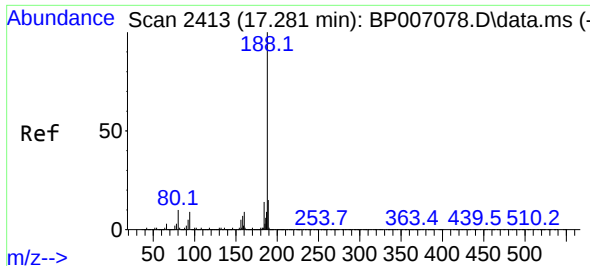
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#58
Fluorene
Concen: 3.034 ng
RT: 15.563 min Scan# 2121
Delta R.T. -0.012 min
Lab File: BP007213.D
Acq: 27 Sep 2021 19:32

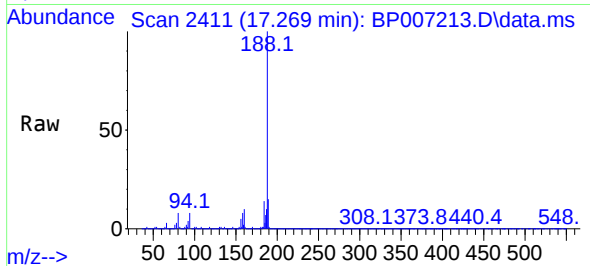
Tgt Ion:166 Resp: 148146
Ion Ratio Lower Upper
166 100
165 99.8 78.0 117.0
167 14.7 10.5 15.7





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.269 min Scan# 2411
Delta R.T. -0.006 min
Lab File: BP007213.D
Acq: 27 Sep 2021 19:32

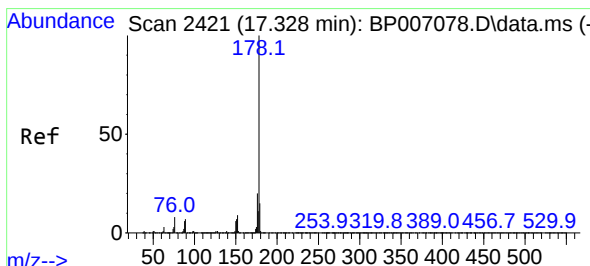
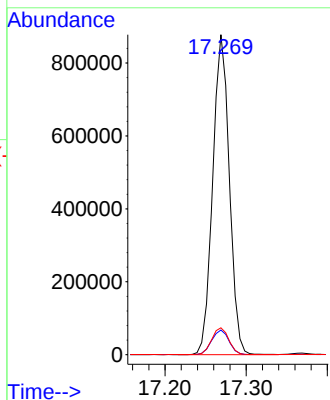
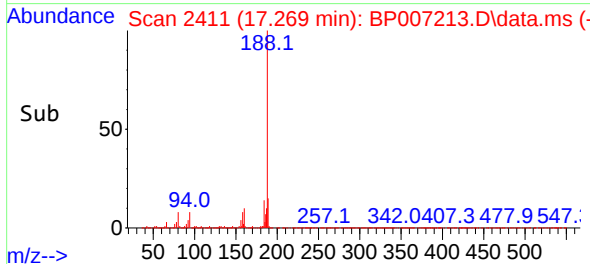
Instrument :
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PL-05-092421



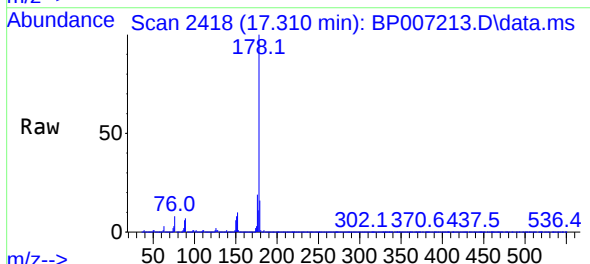
Tgt Ion:188 Resp: 1246029
Ion Ratio Lower Upper
188 100
94 7.7 5.6 8.4
80 8.4 6.3 9.5

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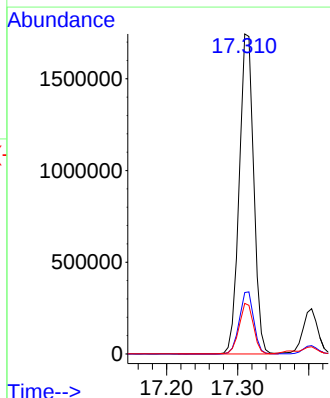
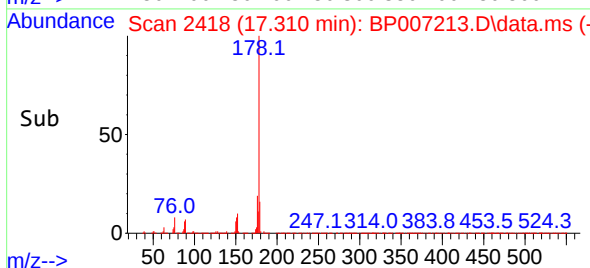
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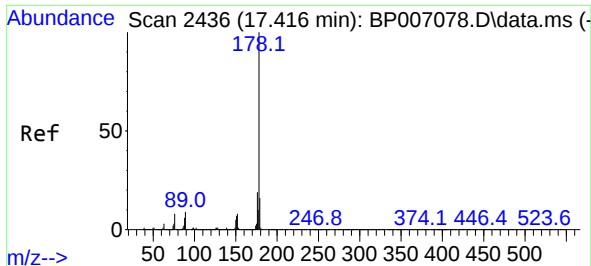


#71
Phenanthrene
Concen: 37.016 ng
RT: 17.310 min Scan# 2418
Delta R.T. -0.006 min
Lab File: BP007213.D
Acq: 27 Sep 2021 19:32



Tgt Ion:178 Resp: 2473073
Ion Ratio Lower Upper
178 100
176 19.2 15.1 22.7
179 15.8 12.4 18.6





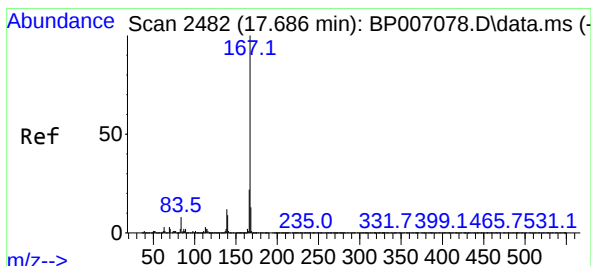
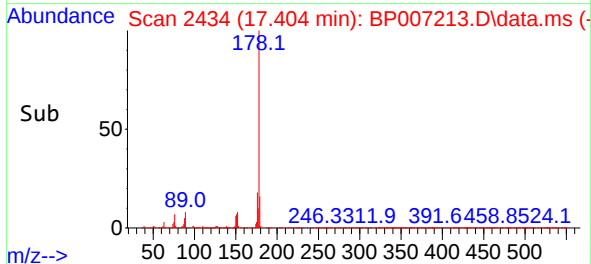
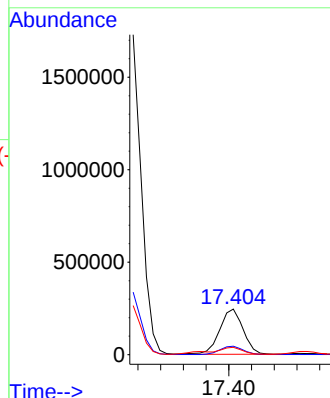
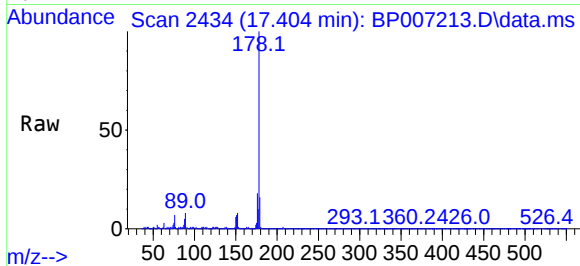
#72
Anthracene
Concen: 5.349 ng
RT: 17.404 min Scan# 2434
Delta R.T. -0.006 min
Lab File: BP007213.D
Acq: 27 Sep 2021 19:32

Tgt Ion:	178	Resp:	349603
Ion Ratio	Lower	Upper	
178	100		
176	18.5	14.9	22.3
179	16.1	12.2	18.2

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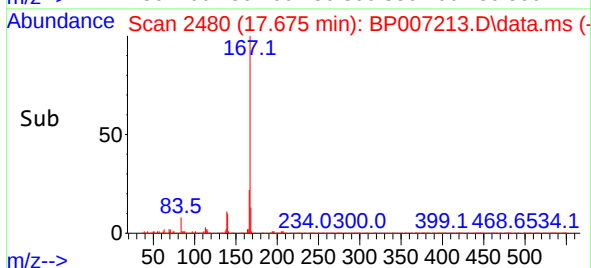
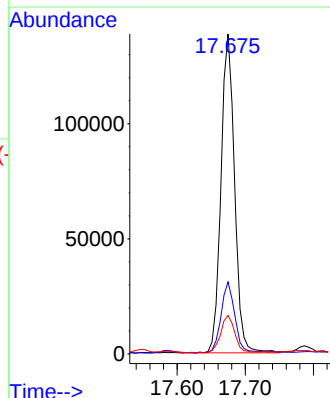
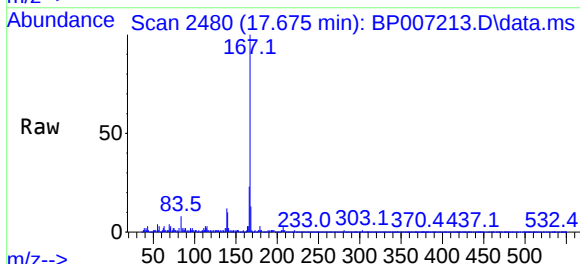
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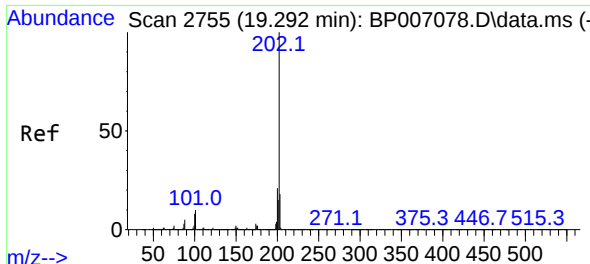
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#73
Carbazole
Concen: 3.005 ng
RT: 17.675 min Scan# 2480
Delta R.T. -0.006 min
Lab File: BP007213.D
Acq: 27 Sep 2021 19:32

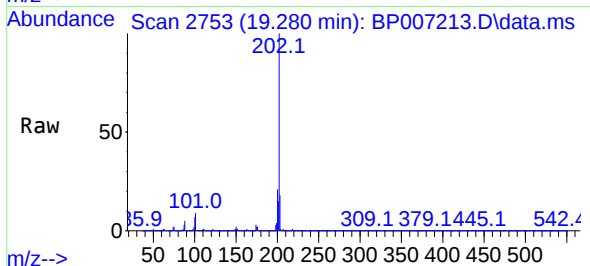
Tgt Ion:	167	Resp:	192483
Ion Ratio	Lower	Upper	
167	100		
166	22.5	17.1	25.7
139	12.0	10.7	16.1





#75
Fluoranthene
Concen: 42.593 ng
RT: 19.280 min Scan# 2753
Delta R.T. -0.000 min
Lab File: BP007213.D
Acq: 27 Sep 2021 19:32

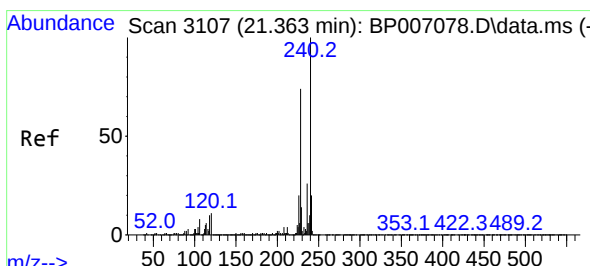
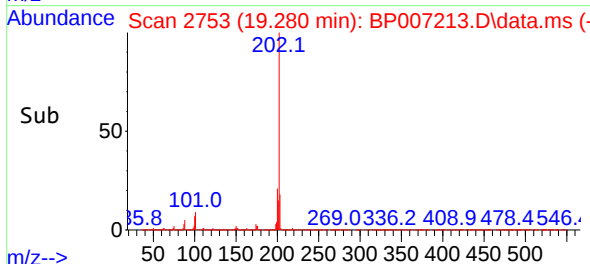
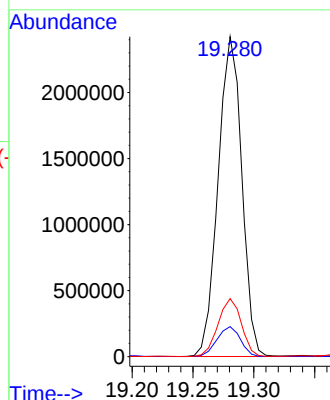
Instrument :
BNA_P
ClientSampleId :
PL-05-092421



Tgt Ion:202 Resp: 3278595
Ion Ratio Lower Upper
202 100
101 9.4 0.0 27.6
203 18.1 0.0 37.8

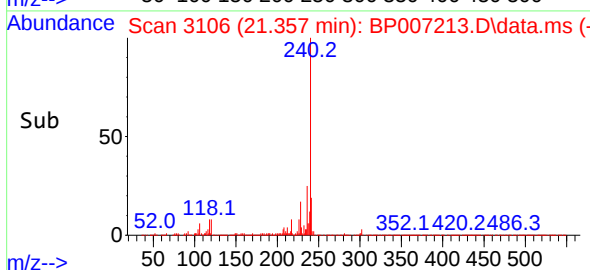
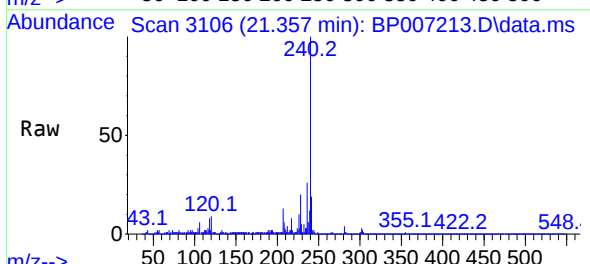
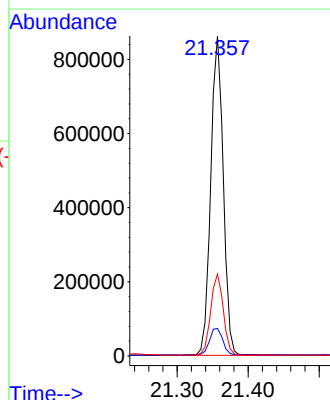
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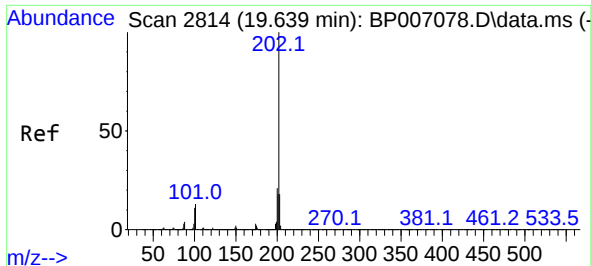
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.357 min Scan# 3106
Delta R.T. -0.000 min
Lab File: BP007213.D
Acq: 27 Sep 2021 19:32

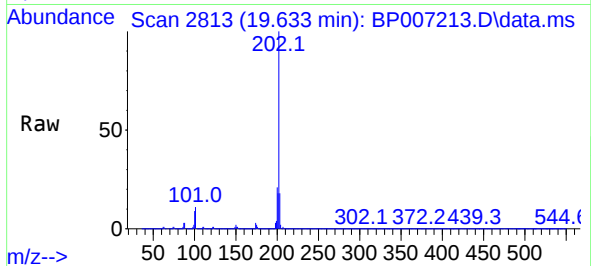
Tgt Ion:240 Resp: 1055836
Ion Ratio Lower Upper
240 100
120 8.6 6.5 9.7
236 25.6 20.6 31.0





#78
 Pyrene
 Concen: 37.002 ng
 RT: 19.633 min Scan# 2813
 Delta R.T. -0.000 min
 Lab File: BP007213.D
 Acq: 27 Sep 2021 19:32

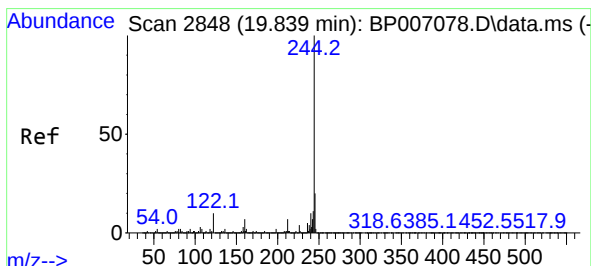
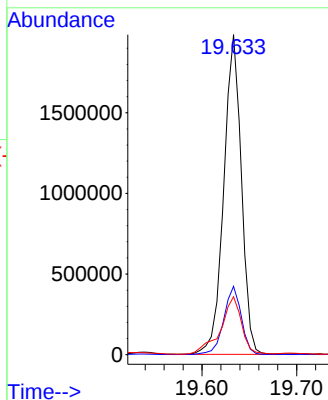
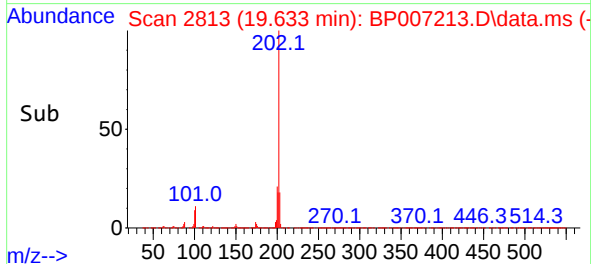
Instrument :
 BNA_P
 ClientSampleId :
 PL-05-092421



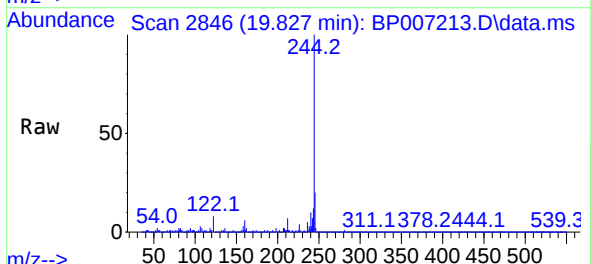
Tgt Ion:202 Resp: 2563230
 Ion Ratio Lower Upper
 202 100
 200 21.4 16.3 24.5
 203 18.1 14.2 21.2

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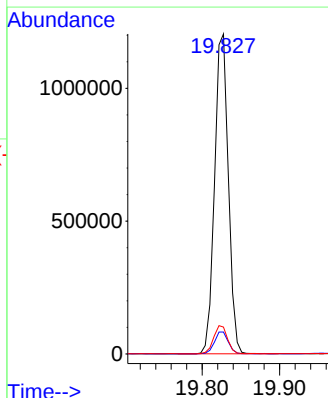
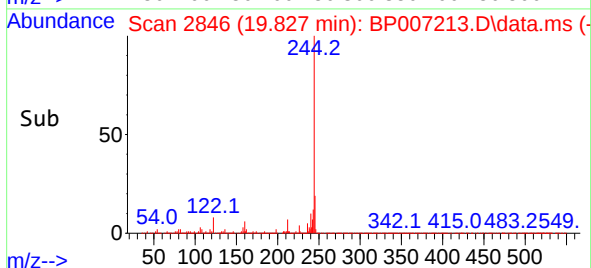
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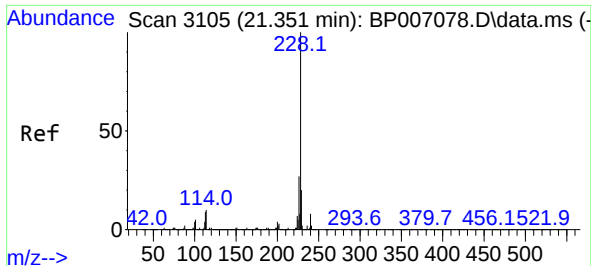


#79
 Terphenyl-d14
 Concen: 26.907 ng
 RT: 19.827 min Scan# 2846
 Delta R.T. -0.006 min
 Lab File: BP007213.D
 Acq: 27 Sep 2021 19:32



Tgt Ion:244 Resp: 1482519
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.0 9.0
 122 8.4 7.1 10.7





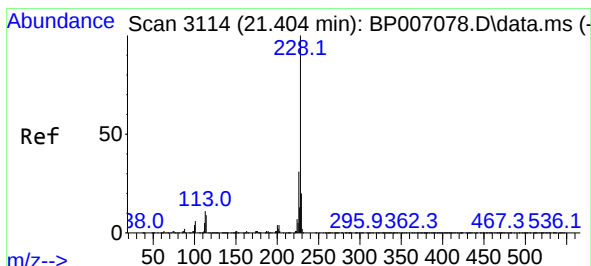
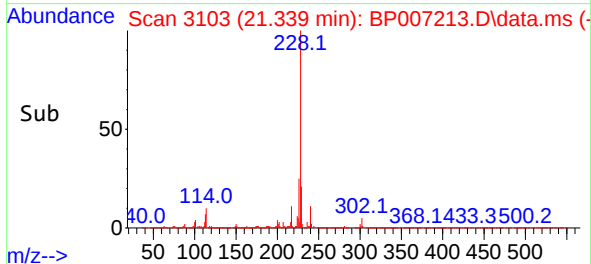
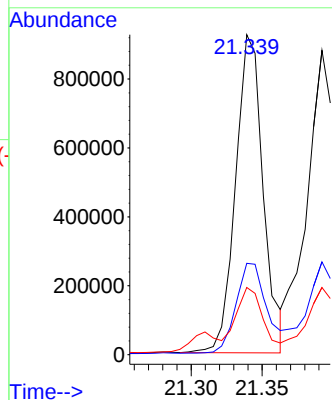
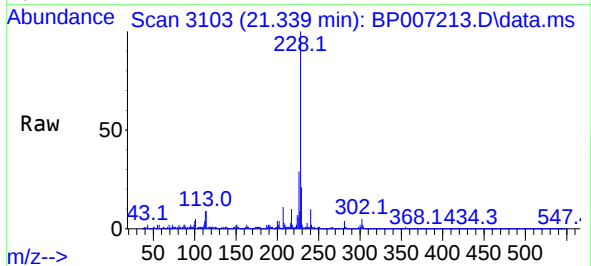
#81
Benzo(a)anthracene
Concen: 18.232 ng
RT: 21.339 min Scan# 3103
Delta R.T. -0.006 min
Lab File: BP007213.D
Acq: 27 Sep 2021 19:32

Tgt Ion:228 Resp: 1249492
Ion Ratio Lower Upper
228 100
226 28.5 21.6 32.4
229 21.0 15.8 23.6

Instrument :
BNA_P
ClientSampleId :
PL-05-092421

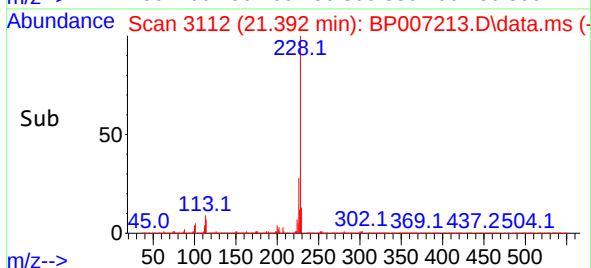
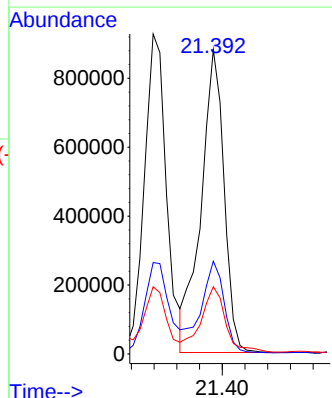
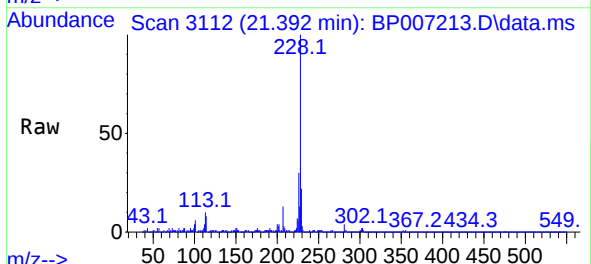
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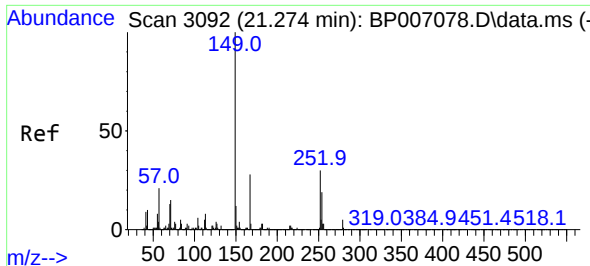
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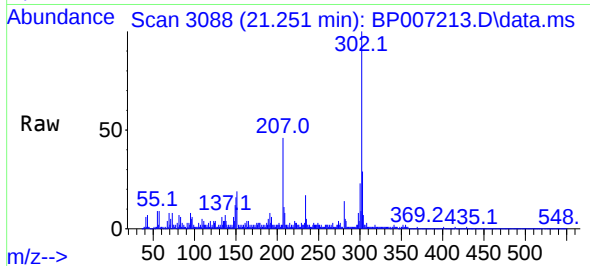
#83
Chrysene
Concen: 18.927 ng
RT: 21.392 min Scan# 3112
Delta R.T. -0.006 min
Lab File: BP007213.D
Acq: 27 Sep 2021 19:32

Tgt Ion:228 Resp: 1239697
Ion Ratio Lower Upper
228 100
226 30.5 23.8 35.6
229 22.1 15.4 23.2





#84
Bis(2-ethylhexyl)phthalate
Concen: 2.391 ng
RT: 21.251 min Scan# 3088
Delta R.T. -0.018 min
Lab File: BP007213.D
Acq: 27 Sep 2021 19:32

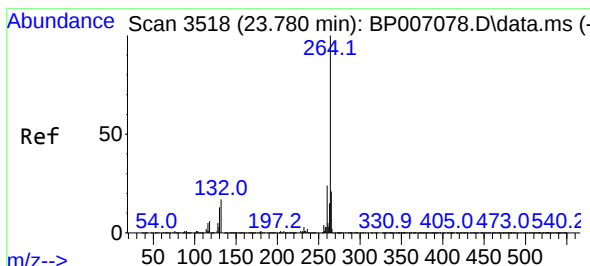
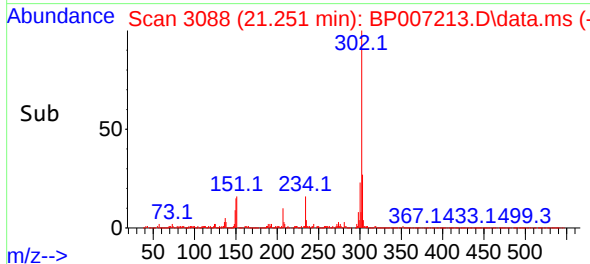
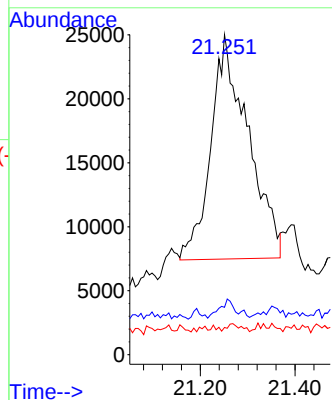


Tgt Ion:149 Resp: 95350
Ion Ratio Lower Upper
149 100
167 14.8 21.9 32.9#
279 8.5 4.3 6.5#

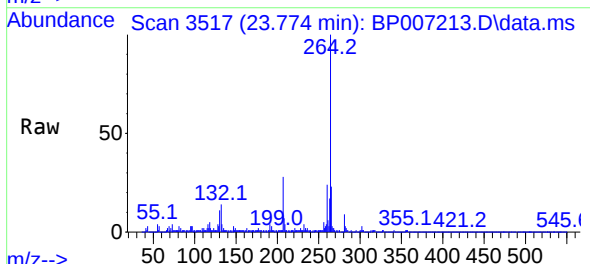
Instrument :
BNA_P
ClientSampleId :
PL-05-092421

Manual Integrations
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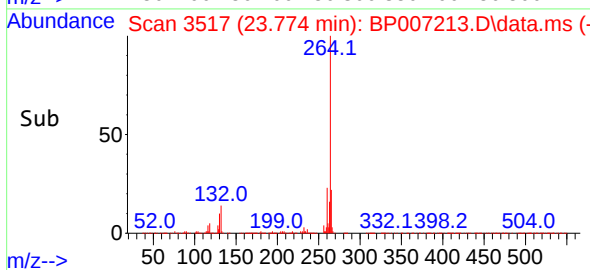
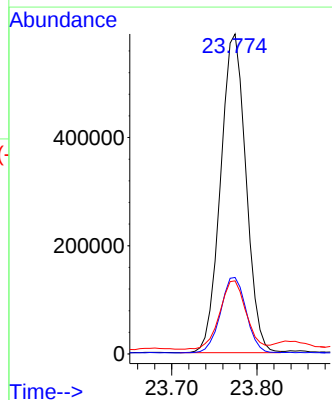
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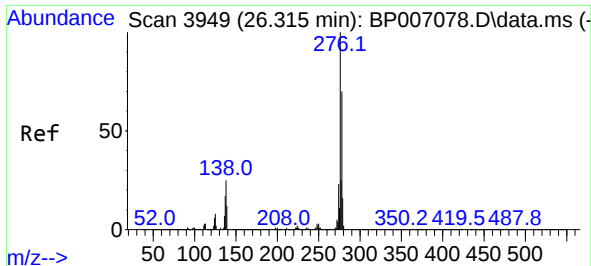


#86
Perylene-d12
Concen: 20.000 ng
RT: 23.774 min Scan# 3517
Delta R.T. 0.006 min
Lab File: BP007213.D
Acq: 27 Sep 2021 19:32



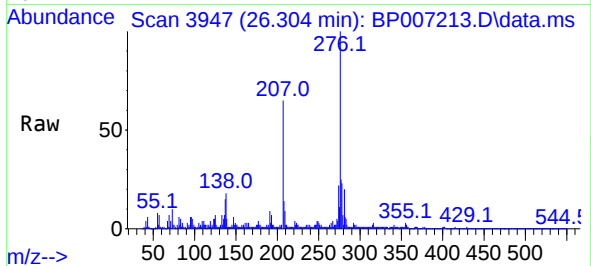
Tgt Ion:264 Resp: 1219536
Ion Ratio Lower Upper
264 100
260 23.9 18.6 28.0
265 22.8 17.6 26.4





#87
Indeno(1,2,3-cd)pyrene
Concen: 9.431 ng
RT: 26.304 min Scan# 3947
Delta R.T. -0.000 min
Lab File: BP007213.D
Acq: 27 Sep 2021 19:32

Instrument :
BNA_P
ClientSampleId :
PL-05-092421

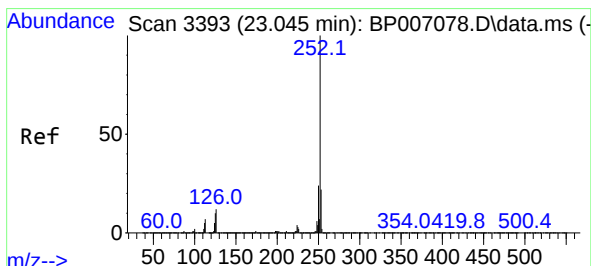
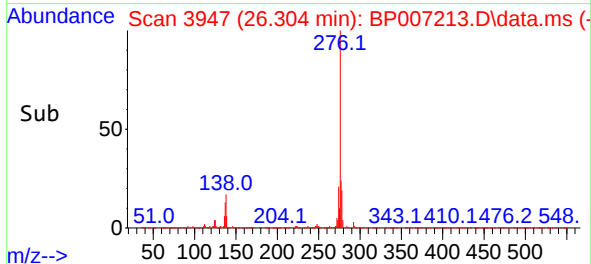
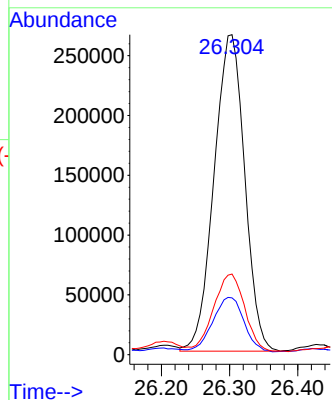


Tgt Ion:276 Resp: 826560
Ion Ratio Lower Upper
276 100
138 17.4 15.3 22.9
277 24.5 20.4 30.6

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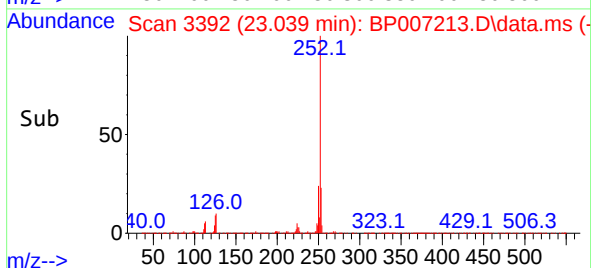
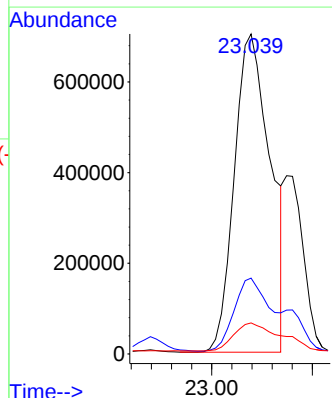
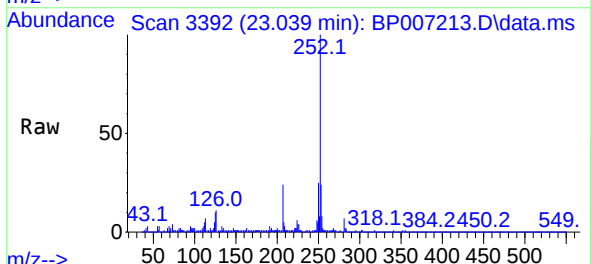
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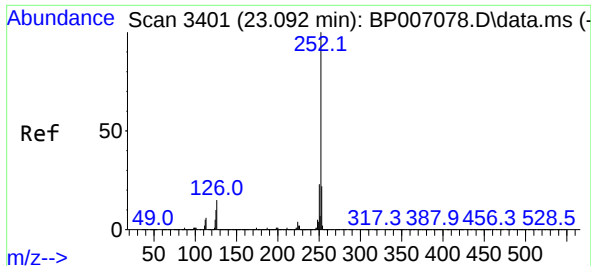
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#88
Benzo(b)fluoranthene
Concen: 23.971 ng m
RT: 23.039 min Scan# 3392
Delta R.T. 0.006 min
Lab File: BP007213.D
Acq: 27 Sep 2021 19:32

Tgt Ion:252 Resp: 1747066
Ion Ratio Lower Upper
252 100
253 23.7 17.5 26.3
125 9.7 6.2 9.4#





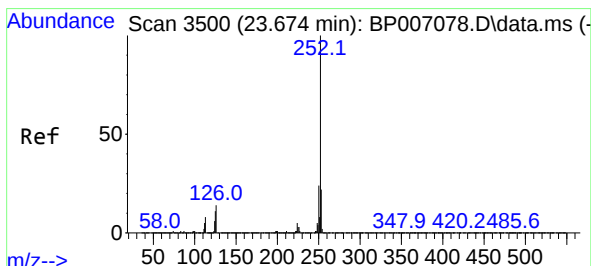
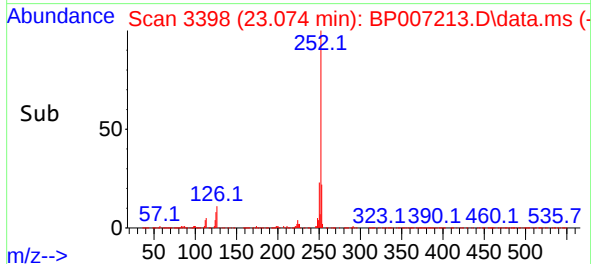
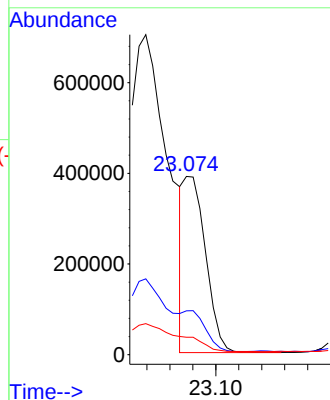
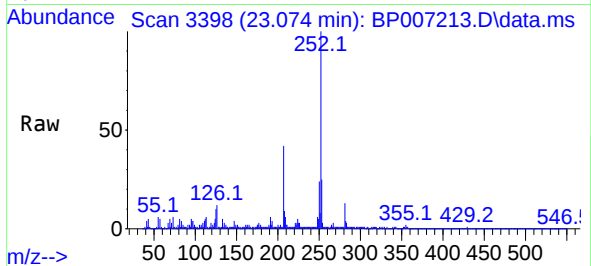
#89
Benzo(k)fluoranthene
Concen: 6.940 ng m
RT: 23.074 min Scan# 3398
Delta R.T. -0.012 min
Lab File: BP007213.D
Acq: 27 Sep 2021 19:32

Tgt Ion:252 Resp: 512092
Ion Ratio Lower Upper
252 100
253 24.6 17.6 26.4
125 9.8 6.0 9.0#

Instrument :
BNA_P
ClientSampleId :
PL-05-092421

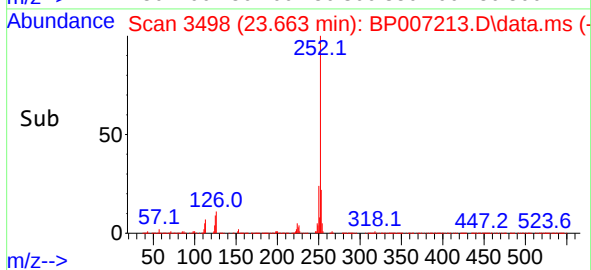
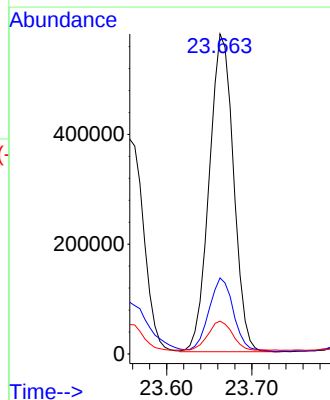
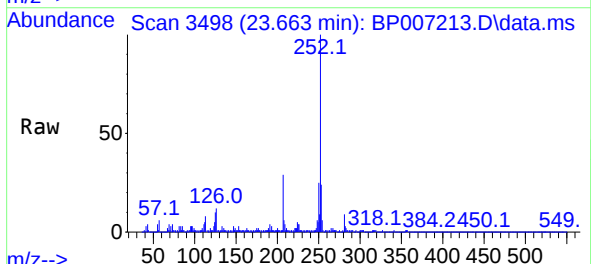
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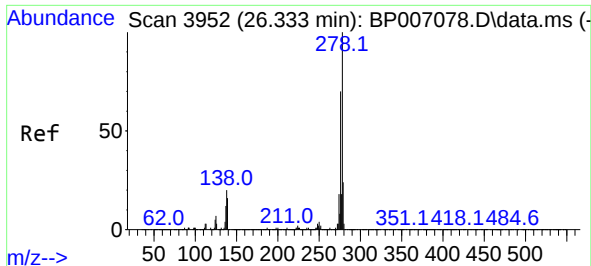
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#90
Benzo(a)pyrene
Concen: 18.511 ng
RT: 23.663 min Scan# 3498
Delta R.T. -0.006 min
Lab File: BP007213.D
Acq: 27 Sep 2021 19:32

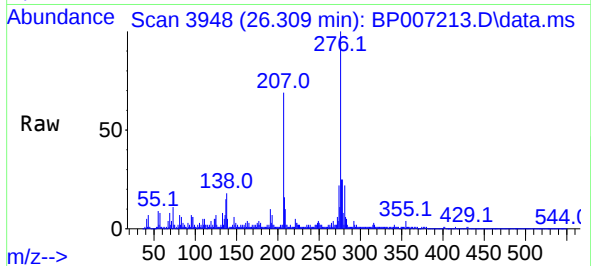
Tgt Ion:252 Resp: 1146158
Ion Ratio Lower Upper
252 100
253 23.8 17.9 26.9
125 10.3 6.5 9.7#





#91
Dibenzo(a,h)anthracene
Concen: 2.915 ng
RT: 26.309 min Scan# 3948
Delta R.T. -0.006 min
Lab File: BP007213.D
Acq: 27 Sep 2021 19:32

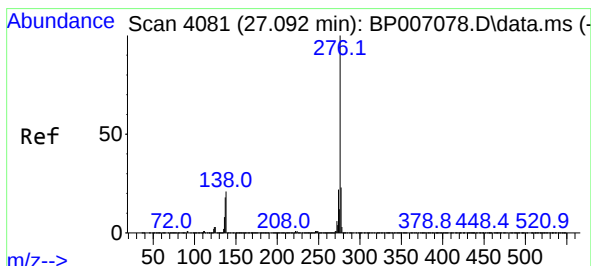
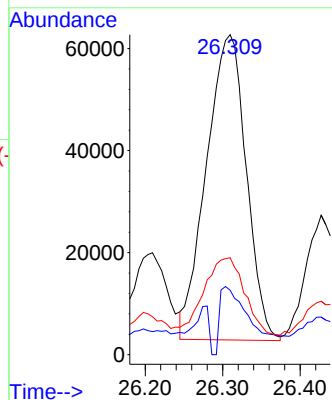
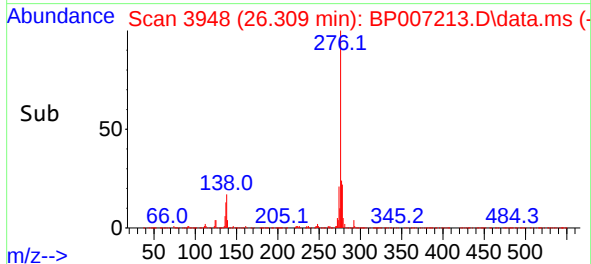
Instrument :
BNA_P
ClientSampleId :
PL-05-092421



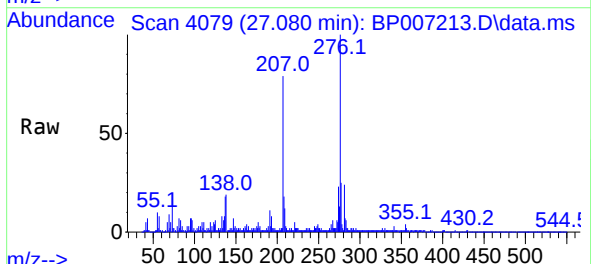
Tgt Ion:278 Resp: 214097
Ion Ratio Lower Upper
278 100
139 20.2 9.3 13.9#
279 30.3 18.8 28.2#

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#92
Benzo(g,h,i)perylene
Concen: 10.475 ng
RT: 27.080 min Scan# 4079
Delta R.T. 0.006 min
Lab File: BP007213.D
Acq: 27 Sep 2021 19:32



Tgt Ion:276 Resp: 750776
Ion Ratio Lower Upper
276 100
277 25.4 18.9 28.3
138 18.8 12.6 18.8

