

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071021\
 Data File : BP006181.D
 Acq On : 10 Jul 2021 16:02
 Operator : CG/JU
 Sample : M2969-13
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SB07

Manual Integrations
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mohammad
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Quant Time: Jul 11 05:47:40 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 07 16:08:13 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.869	152	202810	20.000	ng	0.00
21) Naphthalene-d8	10.669	136	801929	20.000	ng	-0.01
39) Acenaphthene-d10	14.504	164	460207	20.000	ng	-0.01
64) Phenanthrene-d10	17.257	188	839287	20.000	ng	# 0.00
76) Chrysene-d12	21.345	240	765104	20.000	ng	# 0.00
86) Perylene-d12	23.751	264	869150	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	508682	43.157	ng	-0.01
7) Phenol-d6	7.057	99	1427596	91.566	ng	0.00
23) Nitrobenzene-d5	9.040	82	839593	66.132	ng	0.00
42) 2,4,6-Tribromophenol	16.004	330	76694	13.998	ng	0.00
45) 2-Fluorobiphenyl	13.134	172	1927848	61.929	ng	0.00
79) Terphenyl-d14	19.816	244	2383078	61.410	ng	0.00
Target Compounds						Qvalue
60) Diethylphthalate	15.328	149	153786	4.531	ng	99
71) Phenanthrene	17.298	178	512663	10.816	ng	99
72) Anthracene	17.398	178	121182	2.610	ng	99
75) Fluoranthene	19.269	202	665112	12.803	ng	96
78) Pyrene	19.622	202	614256	11.878	ng	99
81) Benzo(a)anthracene	21.327	228	316379	6.538	ng	# 94
83) Chrysene	21.380	228	288135	6.025	ng	# 93
84) Bis(2-ethylhexyl)phtha...	21.245	149	131586	3.475	ng	95
87) Indeno(1,2,3-cd)pyrene	26.274	276	215178	3.358	ng	# 92
88) Benzo(b)fluoranthene	23.010	252	395070	7.493	ng	# 76
89) Benzo(k)fluoranthene	23.057	252	131155m	2.545	ng	
90) Benzo(a)pyrene	23.645	252	291789	5.898	ng	# 79
92) Benzo(g,h,i)perylene	27.062	276	234298	4.315	ng	# 79

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

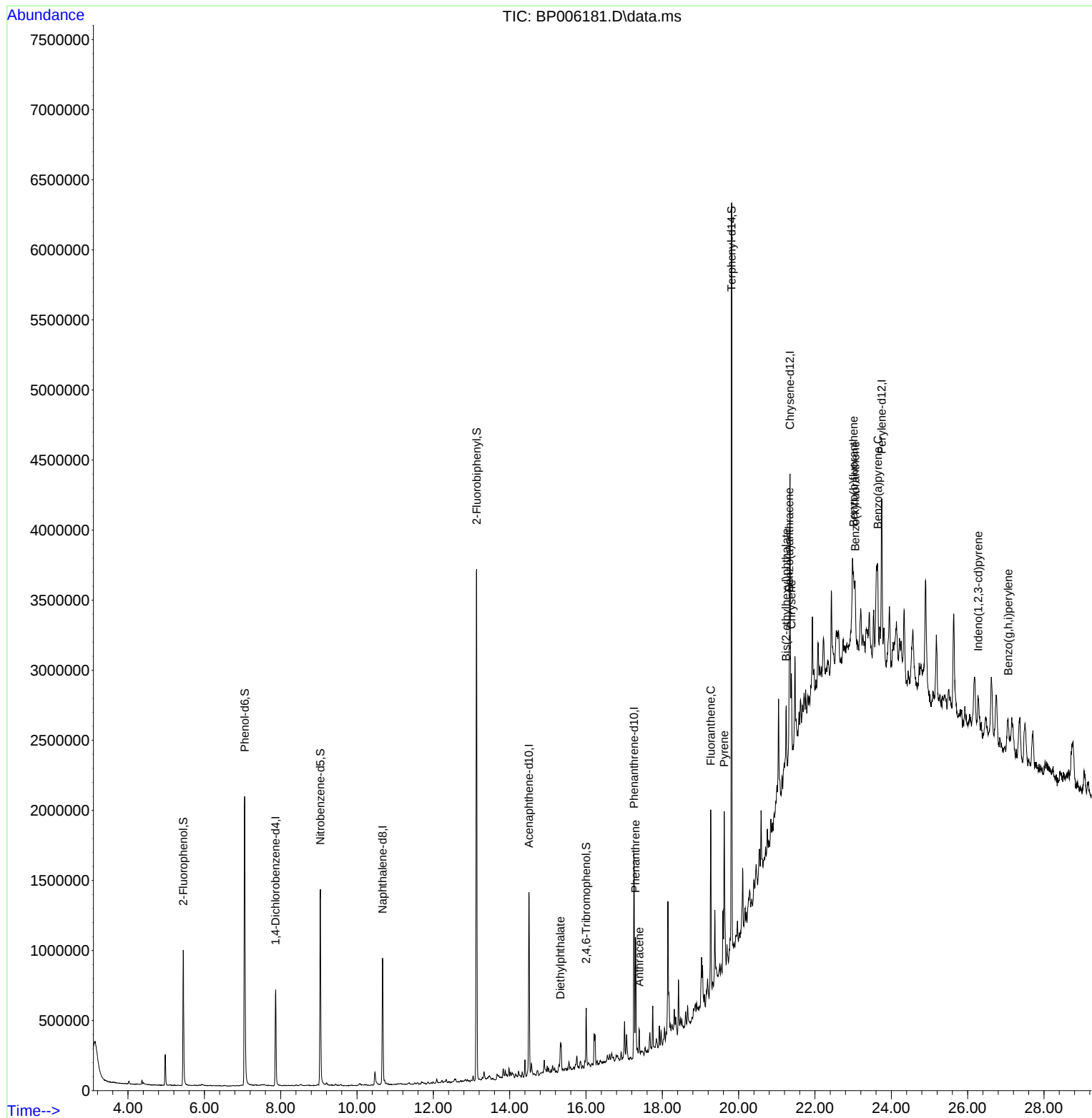
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071021\
Data File : BP006181.D
Acq On : 10 Jul 2021 16:02
Operator : CG/JU
Sample : M2969-13
Misc :
ALS Vial : 4 Sample Multiplier: 1

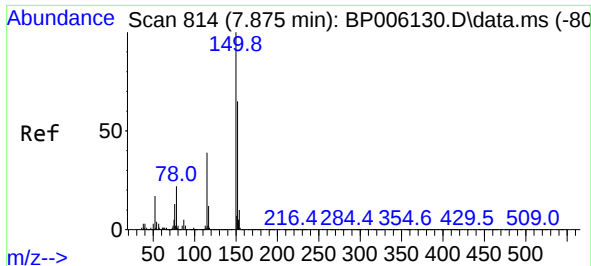
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 07 16:08:13 2021
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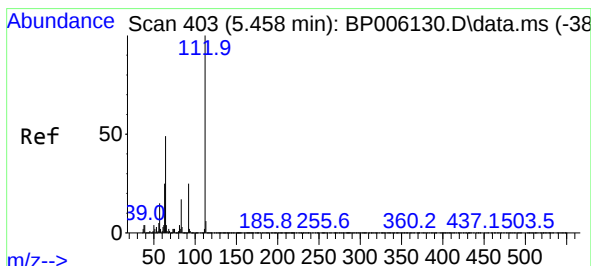
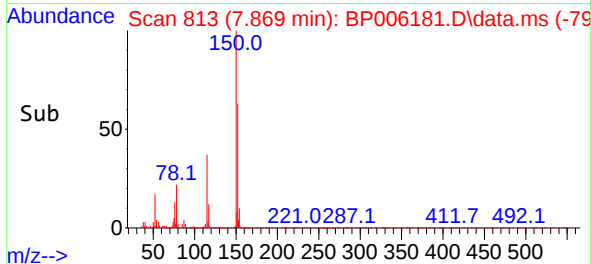
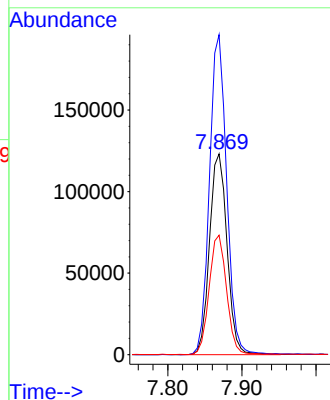
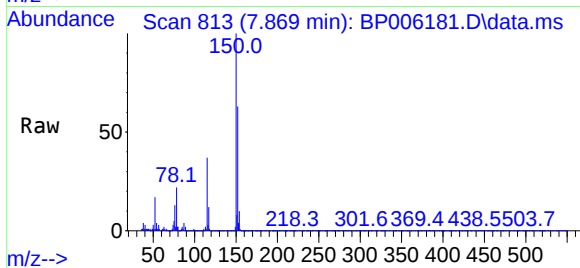
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.869 min Scan# 813
Delta R.T. -0.006 min
Lab File: BP006181.D
Acq: 10 Jul 2021 16:02

Tgt Ion:152 Resp: 202810
Ion Ratio Lower Upper
152 100
150 159.4 125.6 188.4
115 59.5 48.5 72.7

Instrument :
BNA_P
ClientSampled :
SB07

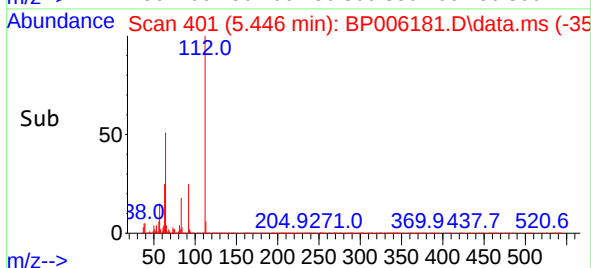
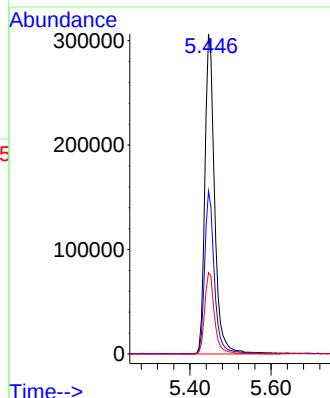
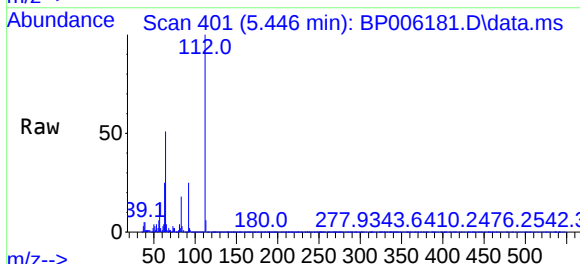
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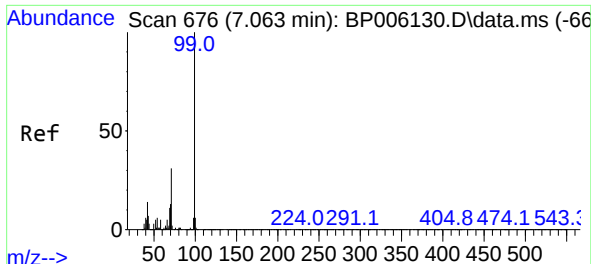
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#5
2-Fluorophenol
Concen: 43.157 ng
RT: 5.446 min Scan# 401
Delta R.T. -0.012 min
Lab File: BP006181.D
Acq: 10 Jul 2021 16:02

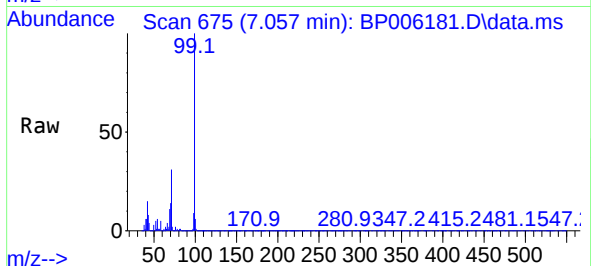
Tgt Ion:112 Resp: 508682
Ion Ratio Lower Upper
112 100
64 50.9 41.4 62.2
63 25.4 23.8 35.8





#7
Phenol-d6
Concen: 91.566 ng
RT: 7.057 min Scan# 675
Delta R.T. -0.006 min
Lab File: BP006181.D
Acq: 10 Jul 2021 16:02

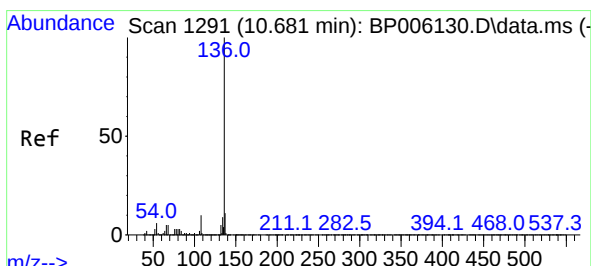
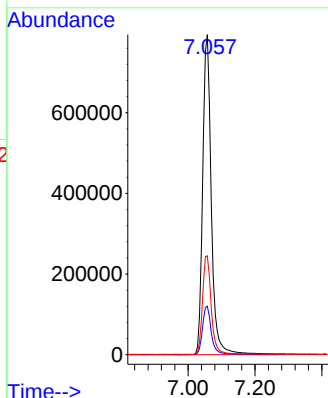
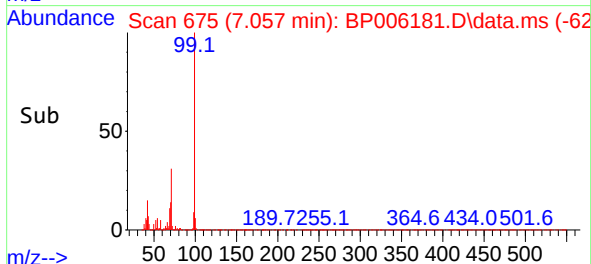
Instrument :
BNA_P
ClientSampled :
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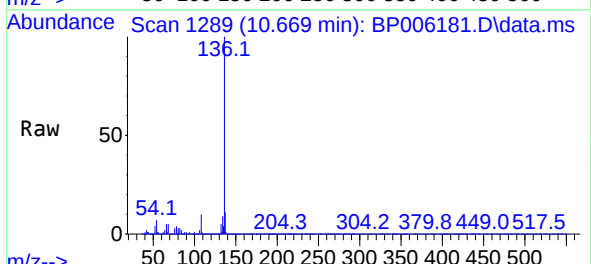
Tgt Ion: 99 Resp: 1427596
Ion Ratio Lower Upper
99 100
42 15.2 13.4 20.0
71 30.9 30.6 46.0

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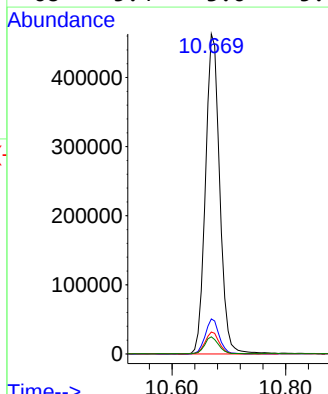
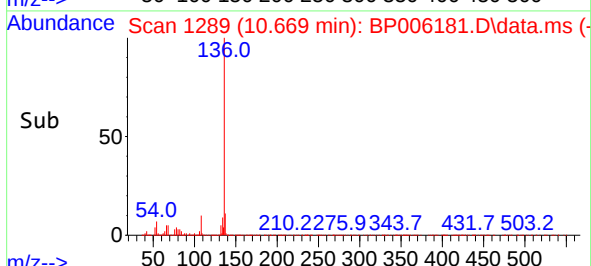
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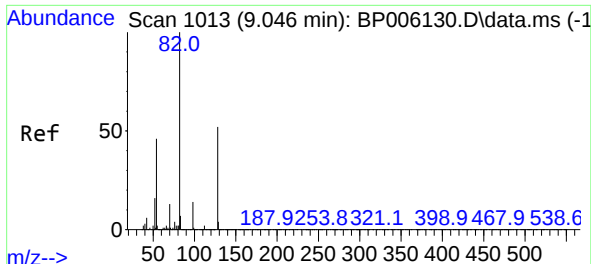


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.669 min Scan# 1289
Delta R.T. -0.012 min
Lab File: BP006181.D
Acq: 10 Jul 2021 16:02



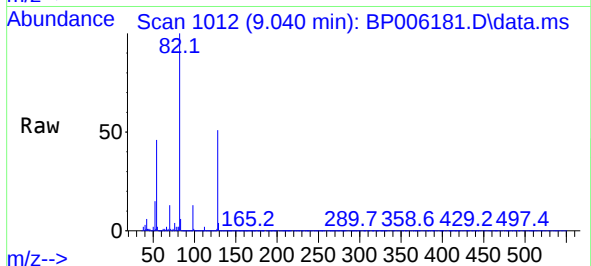
Tgt Ion: 136 Resp: 801929
Ion Ratio Lower Upper
136 100
137 11.0 8.6 12.8
54 6.8 4.6 6.8
68 5.4 3.6 5.4





#23
Nitrobenzene-d5
Concen: 66.132 ng
RT: 9.040 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BP006181.D
Acq: 10 Jul 2021 16:02

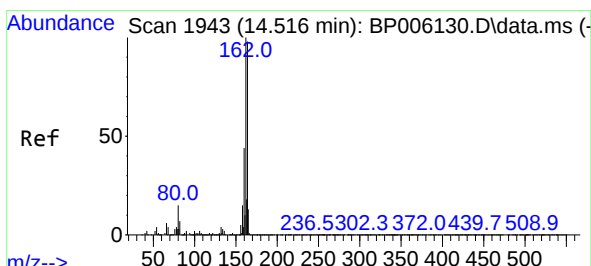
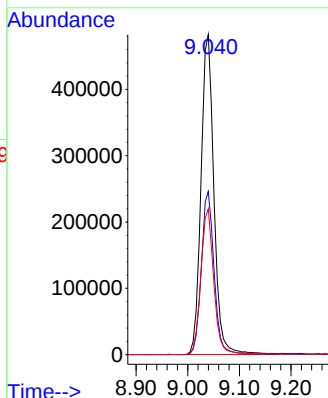
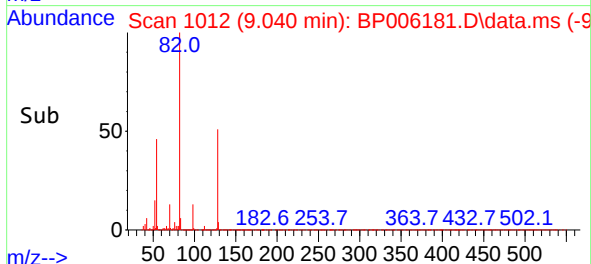
Instrument :
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ClientSampled :
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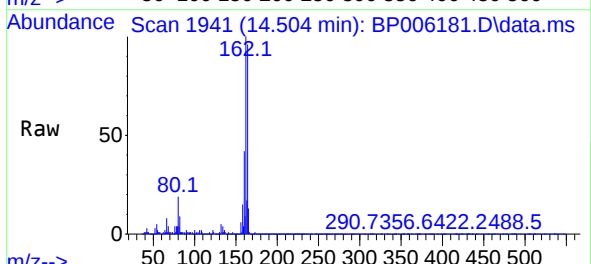
Tgt Ion: 82 Resp: 839593
Ion Ratio Lower Upper
82 100
128 51.0 35.7 53.5
54 45.6 35.0 52.4

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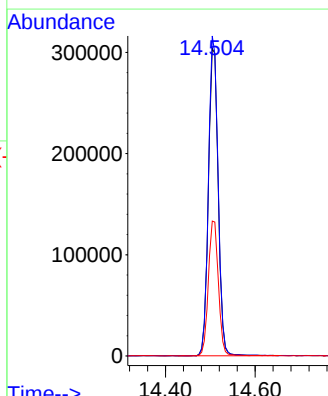
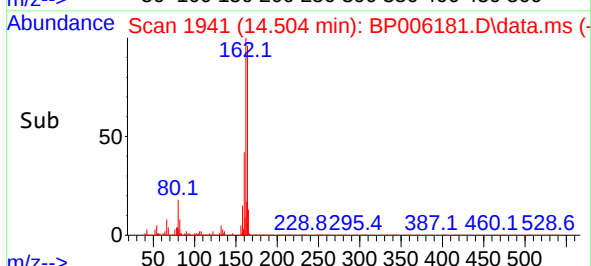
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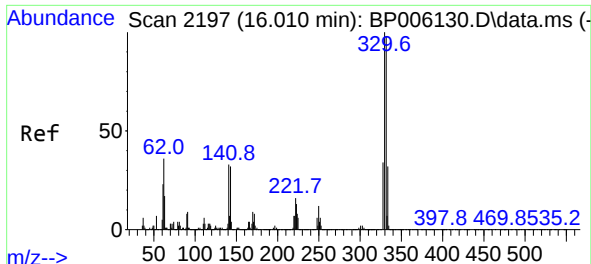


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.504 min Scan# 1941
Delta R.T. -0.012 min
Lab File: BP006181.D
Acq: 10 Jul 2021 16:02



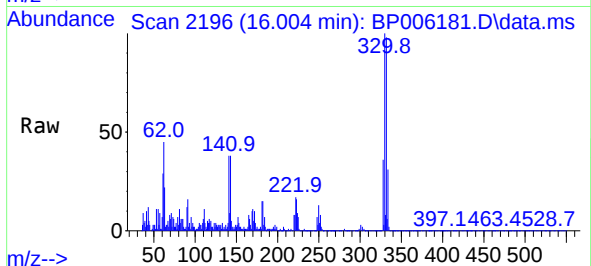
Tgt Ion: 164 Resp: 460207
Ion Ratio Lower Upper
164 100
162 104.1 80.2 120.2
160 43.9 34.5 51.7





#42
2,4,6-Tribromophenol
Concen: 13.998 ng
RT: 16.004 min Scan# 2196
Delta R.T. -0.006 min
Lab File: BP006181.D
Acq: 10 Jul 2021 16:02

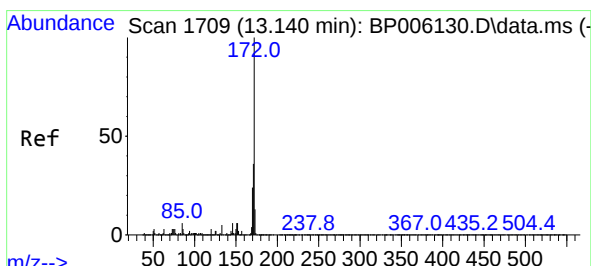
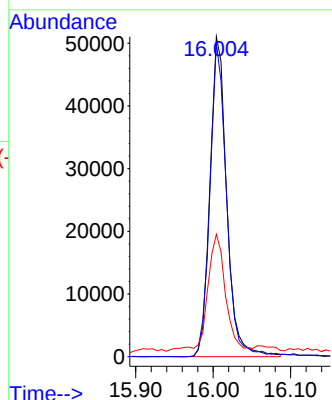
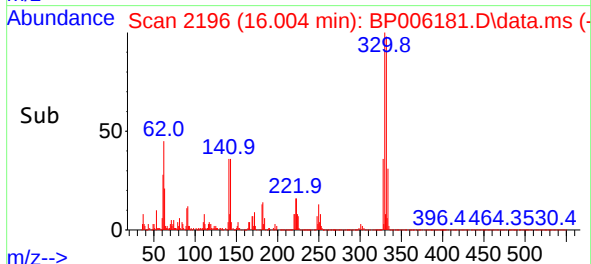
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ClientSampleId :
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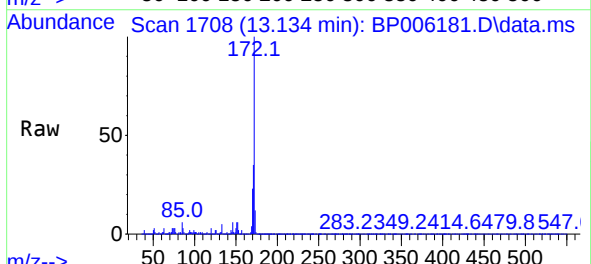
Tgt Ion:330 Resp: 76694
Ion Ratio Lower Upper
330 100
332 97.7 77.8 116.8
141 39.1 25.4 38.2#

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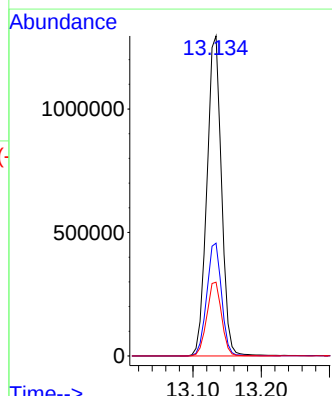
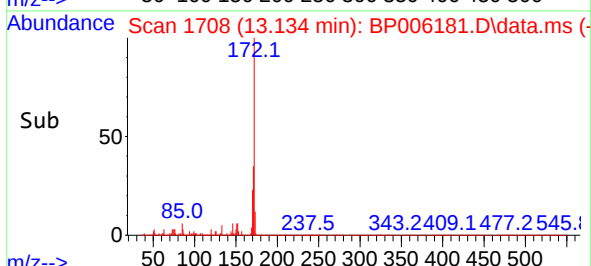
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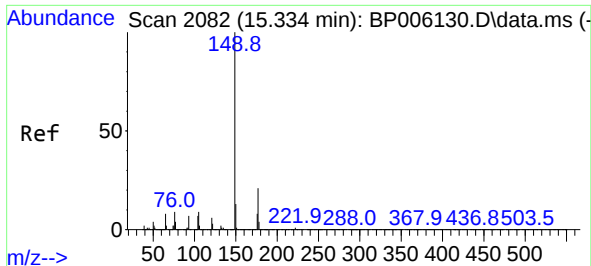


#45
2-Fluorobiphenyl
Concen: 61.929 ng
RT: 13.134 min Scan# 1708
Delta R.T. -0.006 min
Lab File: BP006181.D
Acq: 10 Jul 2021 16:02



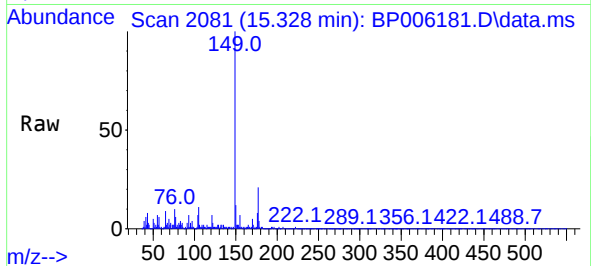
Tgt Ion:172 Resp: 1927848
Ion Ratio Lower Upper
172 100
171 35.3 27.9 41.9
170 23.1 18.6 27.8





#60
Diethylphthalate
Concen: 4.531 ng
RT: 15.328 min Scan# 2081
Delta R.T. -0.006 min
Lab File: BP006181.D
Acq: 10 Jul 2021 16:02

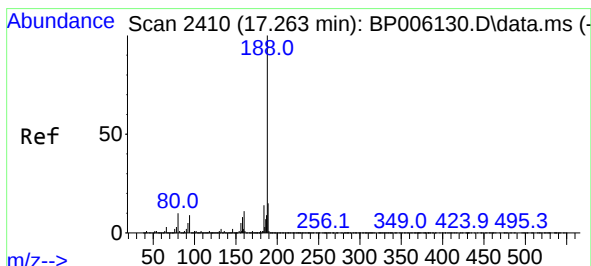
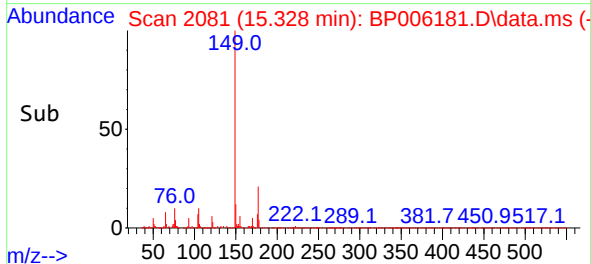
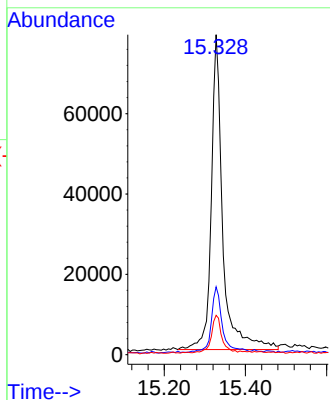
Instrument :
BNA_P
ClientSampled :
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Tgt Ion:149 Resp: 153786
Ion Ratio Lower Upper
149 100
177 21.2 17.5 26.3
150 12.3 9.9 14.9

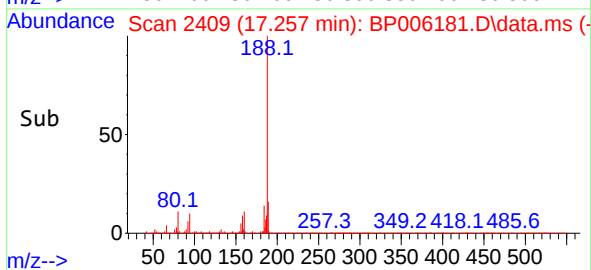
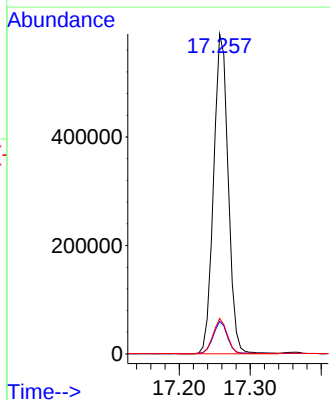
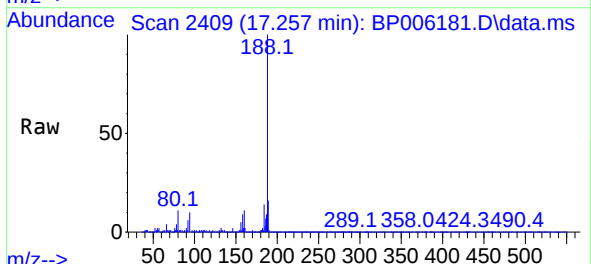
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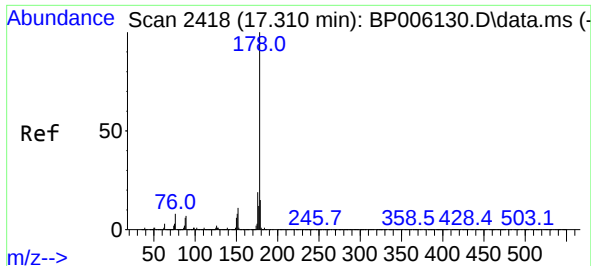
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.257 min Scan# 2409
Delta R.T. -0.006 min
Lab File: BP006181.D
Acq: 10 Jul 2021 16:02

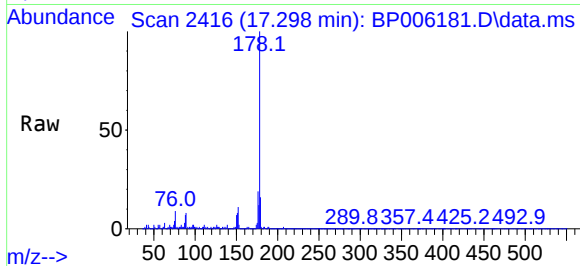
Tgt Ion:188 Resp: 839287
Ion Ratio Lower Upper
188 100
94 10.2 5.6 8.4#
80 11.1 6.3 9.5#





#71
Phenanthrene
Concen: 10.816 ng
RT: 17.298 min Scan# 2416
Delta R.T. -0.012 min
Lab File: BP006181.D
Acq: 10 Jul 2021 16:02

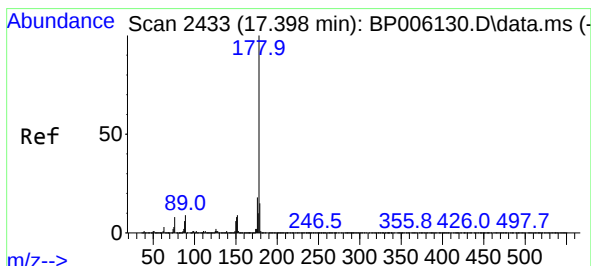
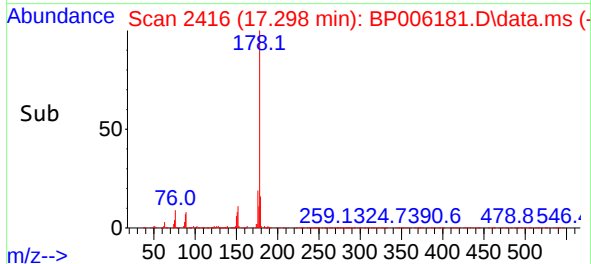
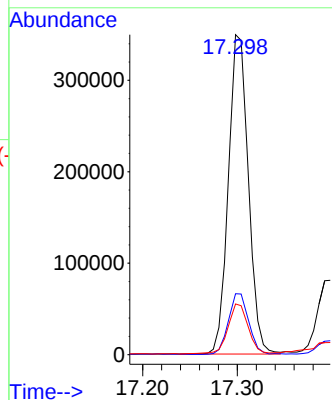
Instrument :
BNA_P
ClientSampleId :
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Tgt Ion:178 Resp: 512663
Ion Ratio Lower Upper
178 100
176 19.0 15.1 22.7
179 15.9 12.4 18.6

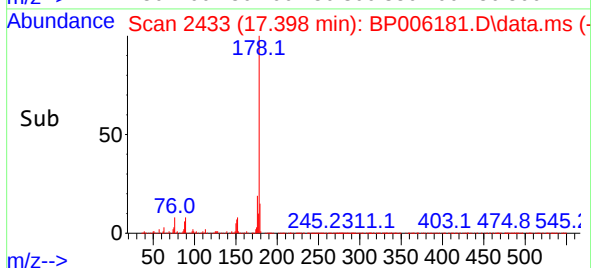
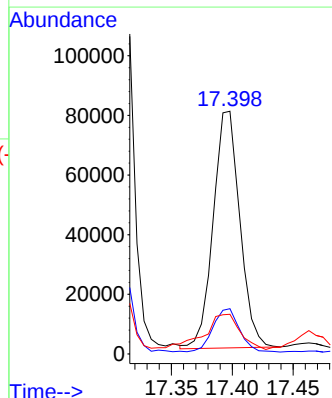
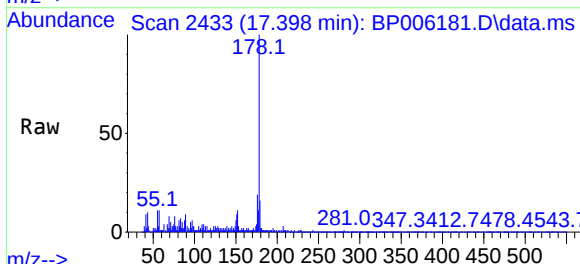
Manual Integrations
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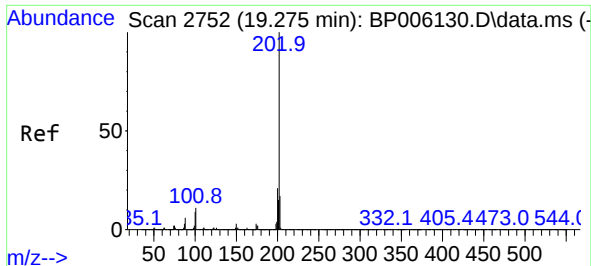
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#72
Anthracene
Concen: 2.610 ng
RT: 17.398 min Scan# 2433
Delta R.T. -0.000 min
Lab File: BP006181.D
Acq: 10 Jul 2021 16:02

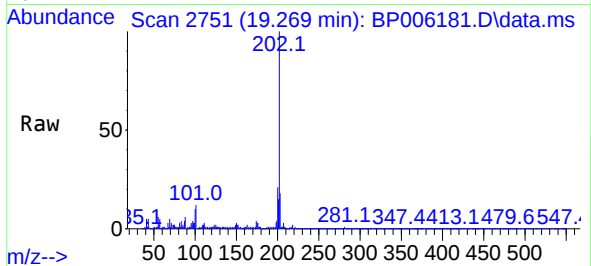
Tgt Ion:178 Resp: 121182
Ion Ratio Lower Upper
178 100
176 18.6 14.9 22.3
179 16.4 12.2 18.2





#75
Fluoranthene
Concen: 12.803 ng
RT: 19.269 min Scan# 2751
Delta R.T. -0.006 min
Lab File: BP006181.D
Acq: 10 Jul 2021 16:02

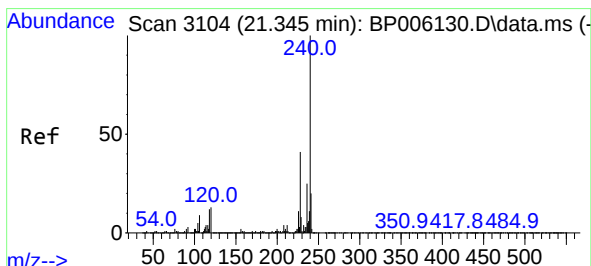
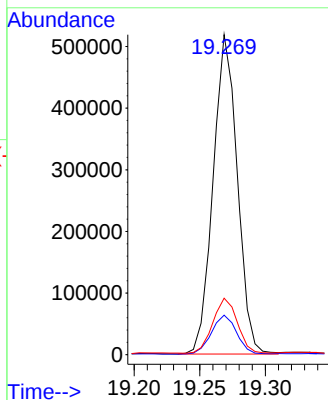
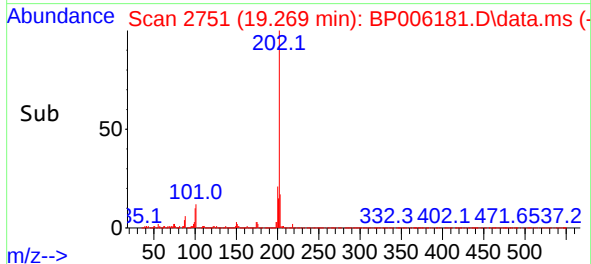
Instrument :
BNA_P
ClientSampleId :
SB07



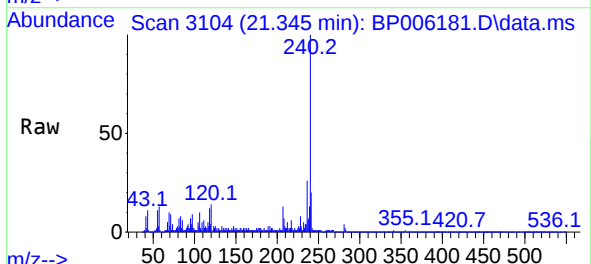
Tgt Ion:202 Resp: 665112
Ion Ratio Lower Upper
202 100
101 12.4 0.0 27.6
203 17.7 0.0 37.8

Manual Integrations
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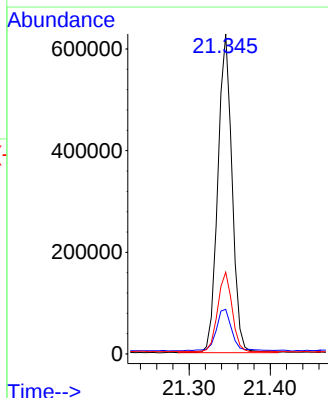
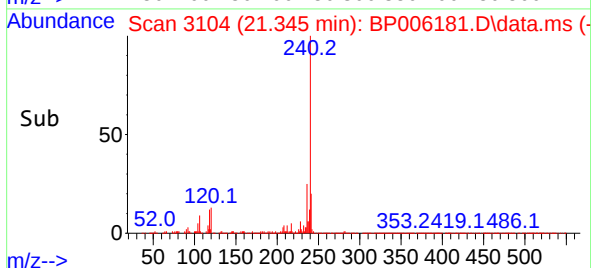
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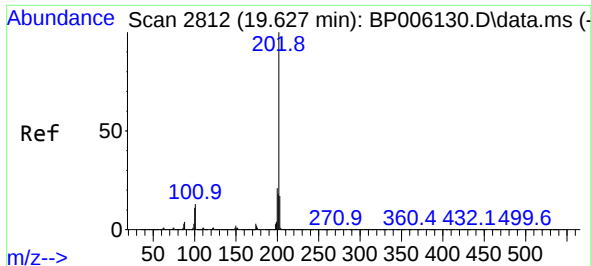


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.345 min Scan# 3104
Delta R.T. -0.000 min
Lab File: BP006181.D
Acq: 10 Jul 2021 16:02



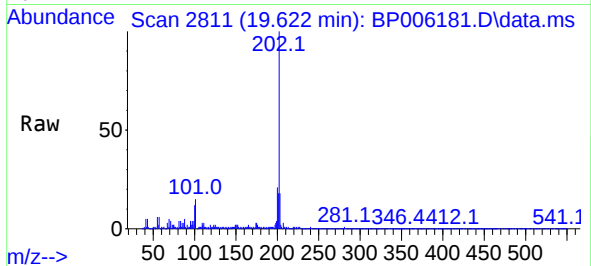
Tgt Ion:240 Resp: 765104
Ion Ratio Lower Upper
240 100
120 14.0 6.5 9.7#
236 25.5 20.6 31.0





#78
 Pyrene
 Concen: 11.878 ng
 RT: 19.622 min Scan# 2811
 Delta R.T. -0.006 min
 Lab File: BP006181.D
 Acq: 10 Jul 2021 16:02

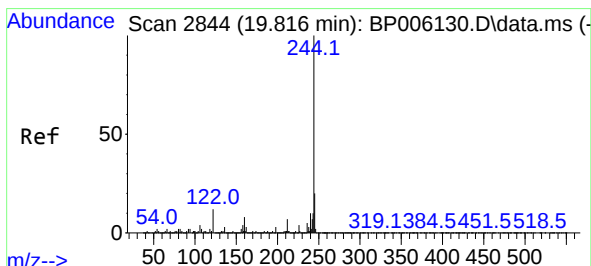
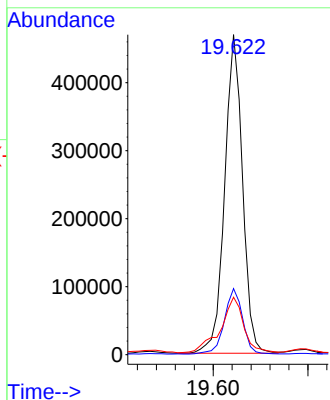
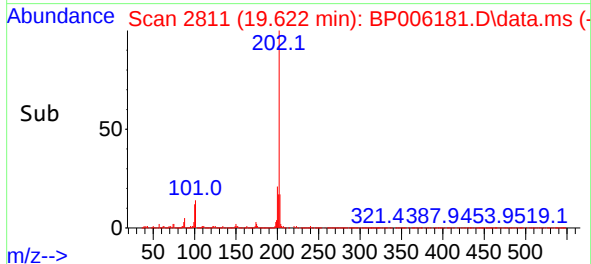
Instrument :
 BNA_P
 ClientSampleId :
 SB07



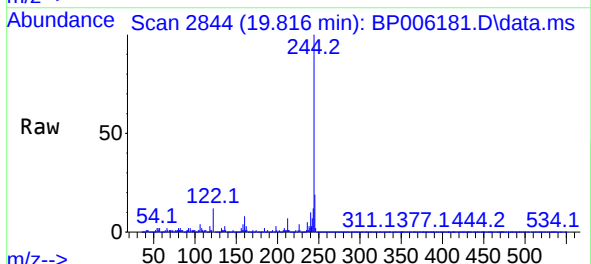
Tgt Ion:202 Resp: 614256
 Ion Ratio Lower Upper
 202 100
 200 20.6 16.3 24.5
 203 18.0 14.2 21.2

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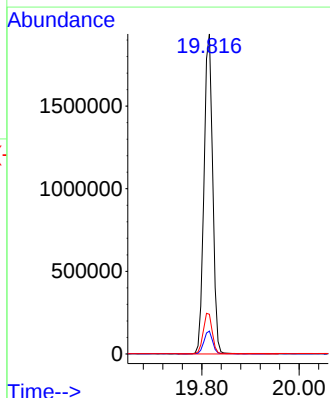
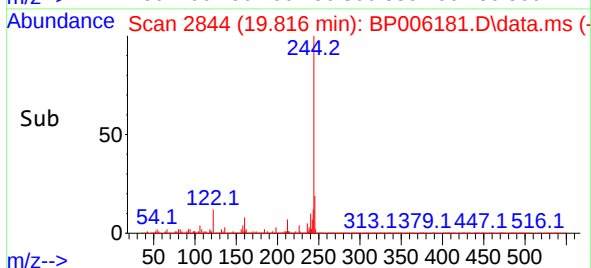
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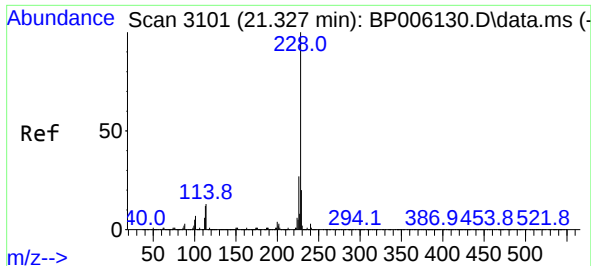


#79
 Terphenyl-d14
 Concen: 61.410 ng
 RT: 19.816 min Scan# 2844
 Delta R.T. -0.000 min
 Lab File: BP006181.D
 Acq: 10 Jul 2021 16:02



Tgt Ion:244 Resp: 2383078
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.0 9.0
 122 12.4 7.1 10.7#





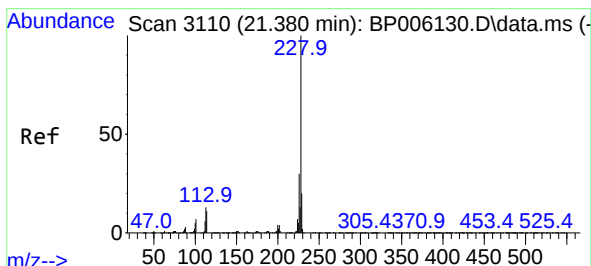
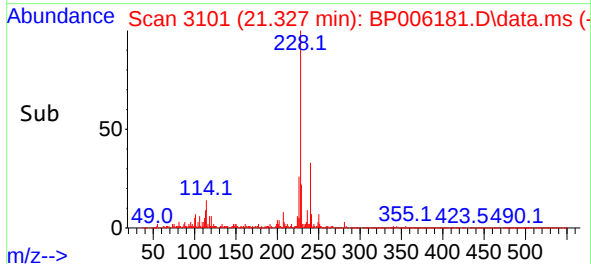
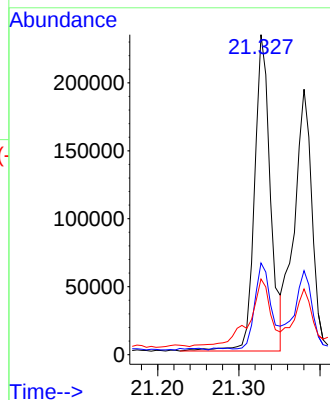
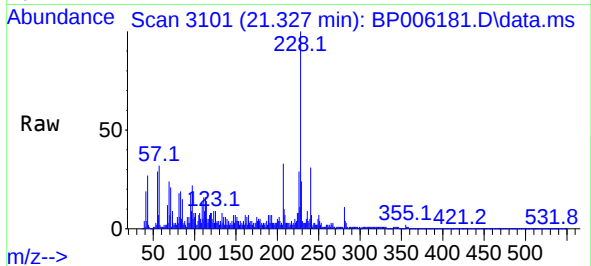
#81
Benzo(a)anthracene
Concen: 6.538 ng
RT: 21.327 min Scan# 3101
Delta R.T. 0.000 min
Lab File: BP006181.D
Acq: 10 Jul 2021 16:02

Tgt Ion:228 Resp: 316379
Ion Ratio Lower Upper
228 100
226 28.7 21.6 32.4
229 23.7 15.8 23.6#

Instrument :
BNA_P
ClientSampleId :
SB07

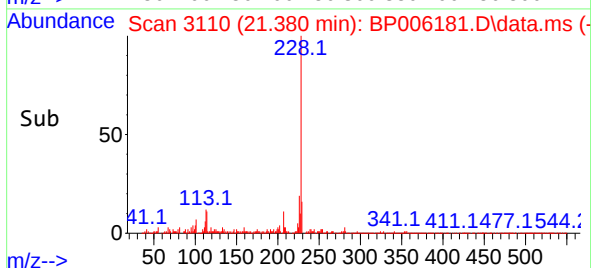
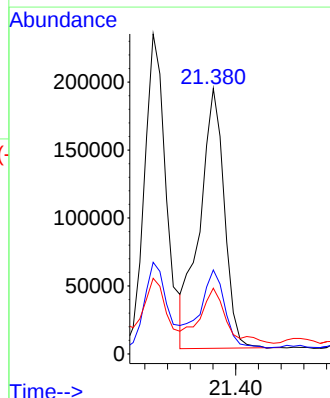
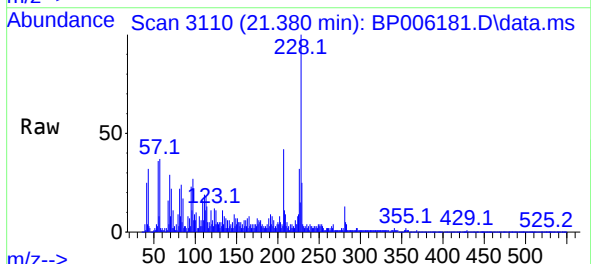
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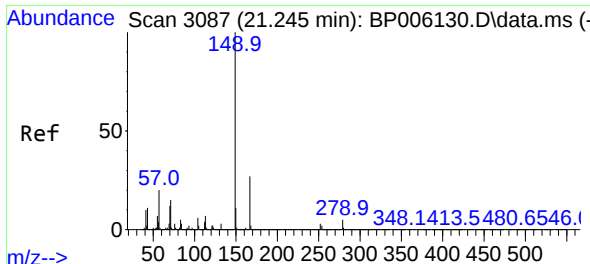
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#83
Chrysene
Concen: 6.025 ng
RT: 21.380 min Scan# 3110
Delta R.T. 0.000 min
Lab File: BP006181.D
Acq: 10 Jul 2021 16:02

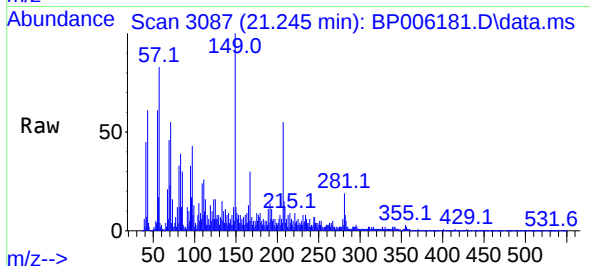
Tgt Ion:228 Resp: 288135
Ion Ratio Lower Upper
228 100
226 31.6 23.8 35.6
229 24.8 15.4 23.2#





#84
Bis(2-ethylhexyl)phthalate
Concen: 3.475 ng
RT: 21.245 min Scan# 3087
Delta R.T. 0.000 min
Lab File: BP006181.D
Acq: 10 Jul 2021 16:02

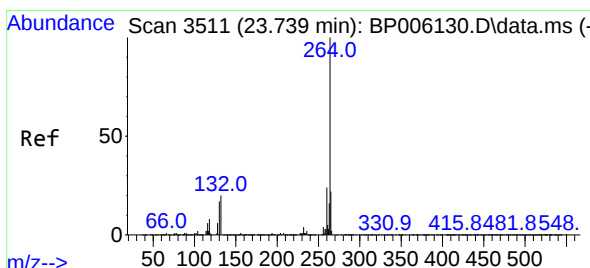
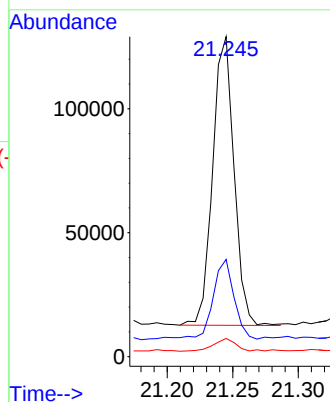
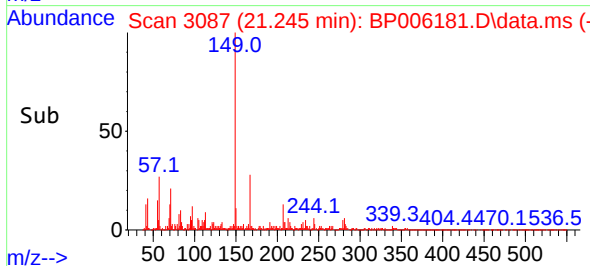
Instrument :
BNA_P
ClientSampled :
SB07



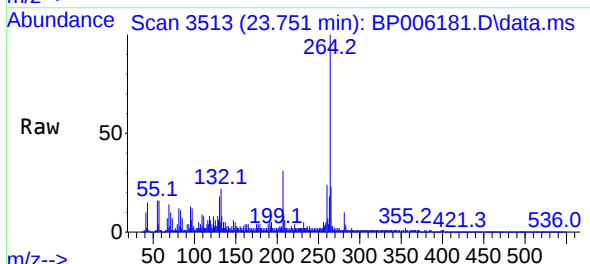
Tgt Ion:149 Resp: 131586
Ion Ratio Lower Upper
149 100
167 30.4 21.9 32.9
279 5.7 4.3 6.5

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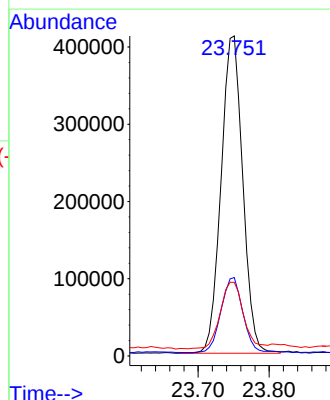
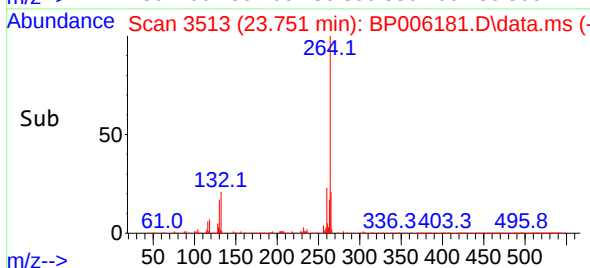
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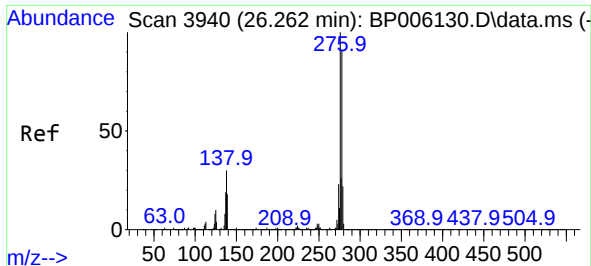


#86
Perylene-d12
Concen: 20.000 ng
RT: 23.751 min Scan# 3513
Delta R.T. 0.012 min
Lab File: BP006181.D
Acq: 10 Jul 2021 16:02



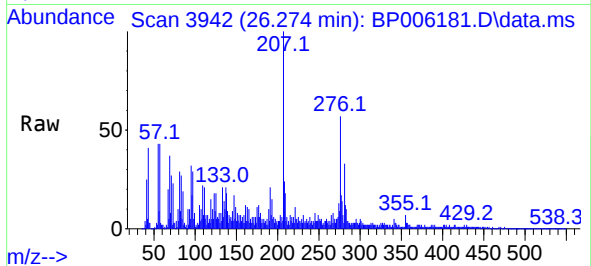
Tgt Ion:264 Resp: 869150
Ion Ratio Lower Upper
264 100
260 24.5 18.6 28.0
265 23.0 17.6 26.4





#87
Indeno(1,2,3-cd)pyrene
Concen: 3.358 ng
RT: 26.274 min Scan# 3942
Delta R.T. 0.012 min
Lab File: BP006181.D
Acq: 10 Jul 2021 16:02

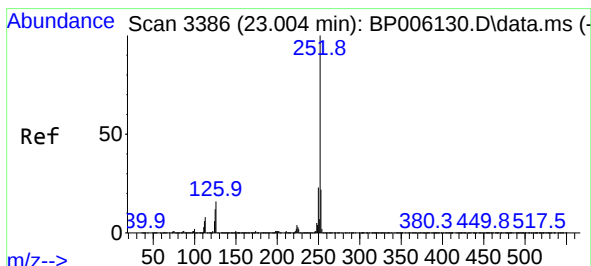
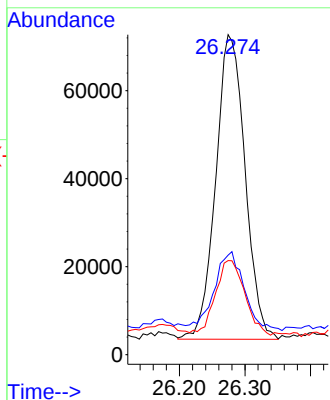
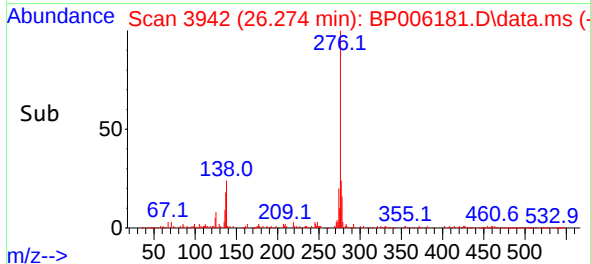
Instrument :
BNA_P
ClientSampled :
SB07



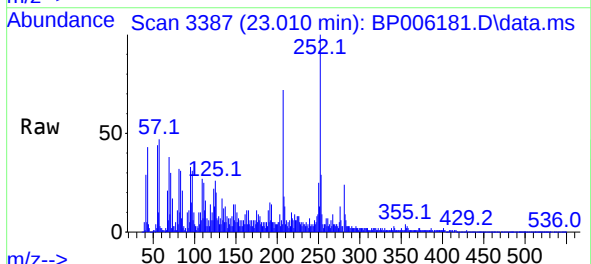
Tgt Ion:276 Resp: 215178
Ion Ratio Lower Upper
276 100
138 26.6 15.3 22.9#
277 24.5 20.4 30.6

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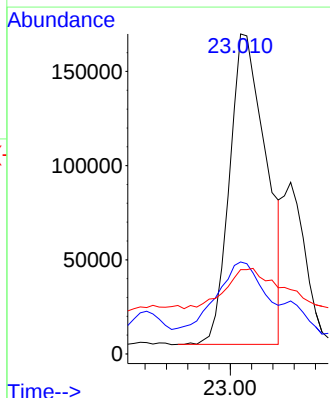
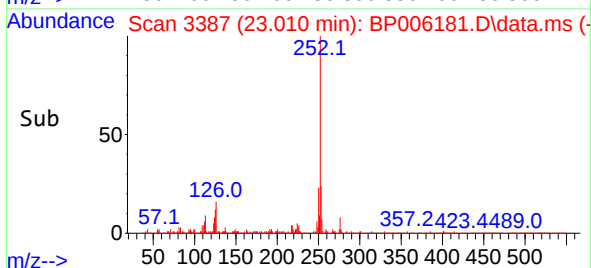
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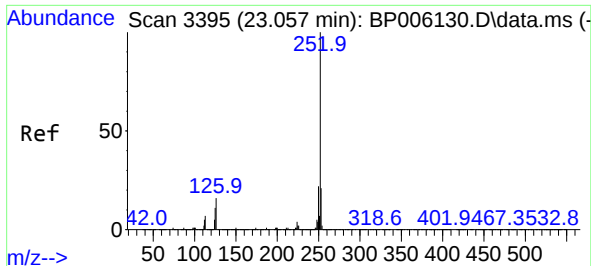


#88
Benzo(b)fluoranthene
Concen: 7.493 ng
RT: 23.010 min Scan# 3387
Delta R.T. 0.006 min
Lab File: BP006181.D
Acq: 10 Jul 2021 16:02



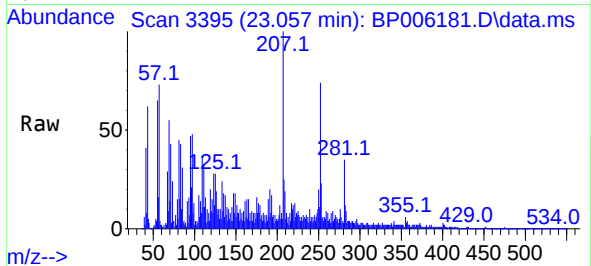
Tgt Ion:252 Resp: 395070
Ion Ratio Lower Upper
252 100
253 28.7 17.5 26.3#
125 26.3 6.2 9.4#





#89
Benzo(k)fluoranthene
Concen: 2.545 ng m
RT: 23.057 min Scan# 3395
Delta R.T. 0.000 min
Lab File: BP006181.D
Acq: 10 Jul 2021 16:02

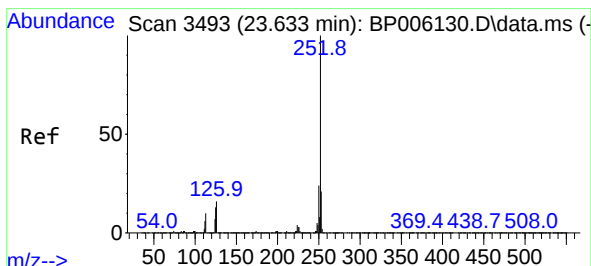
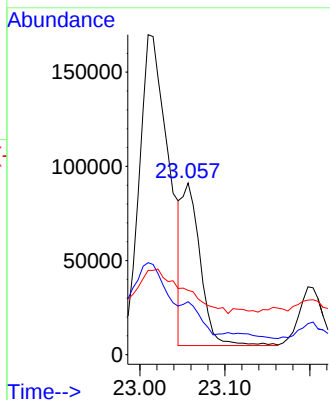
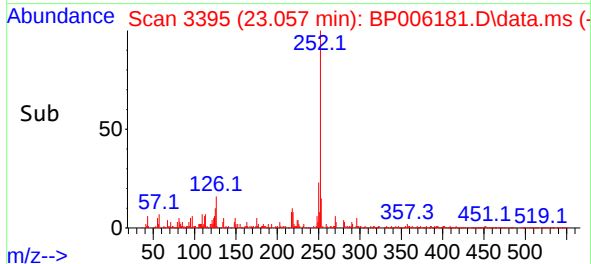
Instrument :
BNA_P
ClientSampled :
SB07



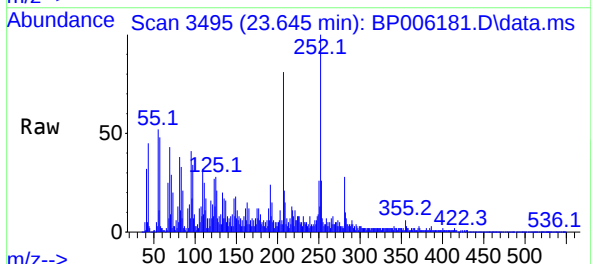
Tgt Ion:252 Resp: 131155
Ion Ratio Lower Upper
252 100
253 30.9 17.6 26.4#
125 37.5 6.0 9.0#

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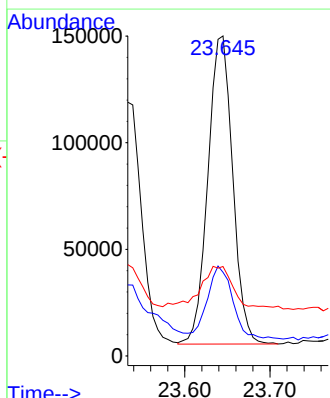
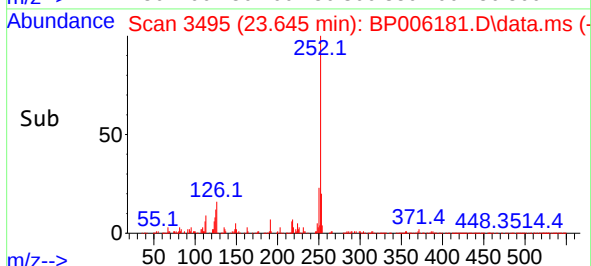
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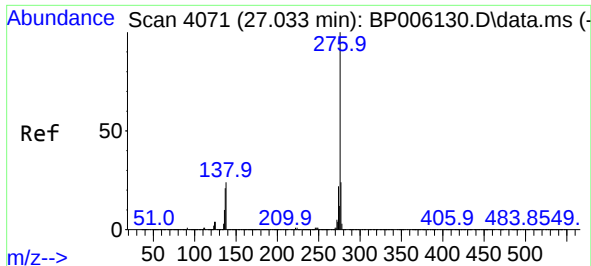


#90
Benzo(a)pyrene
Concen: 5.898 ng
RT: 23.645 min Scan# 3495
Delta R.T. 0.012 min
Lab File: BP006181.D
Acq: 10 Jul 2021 16:02



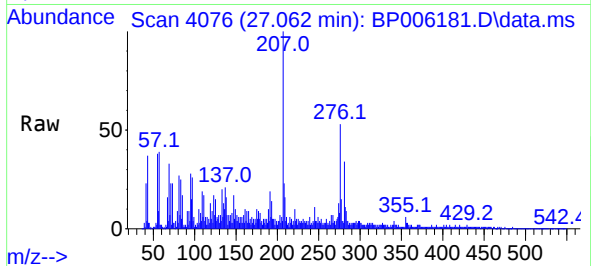
Tgt Ion:252 Resp: 291789
Ion Ratio Lower Upper
252 100
253 26.2 17.9 26.9
125 27.9 6.5 9.7#





#92
 Benzo(g,h,i)perylene
 Concen: 4.315 ng
 RT: 27.062 min Scan# 4076
 Delta R.T. 0.029 min
 Lab File: BP006181.D
 Acq: 10 Jul 2021 16:02

Instrument :
 BNA_P
 ClientSampleId :
 SB07



Tgt Ion: 276 Resp: 234298

Ion	Ratio	Lower	Upper
276	100		
277	28.7	18.9	28.3#
138	30.9	12.6	18.8#

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