

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP063021\
 Data File : BP006120.D
 Acq On : 30 Jun 2021 22:14
 Operator : CG/JU
 Sample : M2891-01 2X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TR-04-062821

Manual Integrations
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Quant Time: Jul 01 03:08:47 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 30 16:39:37 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.887	152	129874	20.000	ng	0.00
21) Naphthalene-d8	10.693	136	463692	20.000	ng	0.00
39) Acenaphthene-d10	14.522	164	247575	20.000	ng	0.00
64) Phenanthrene-d10	17.269	188	426328	20.000	ng	0.00
76) Chrysene-d12	21.351	240	453111	20.000	ng	0.00
86) Perylene-d12	23.751	264	548027	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	276420	34.152	ng	0.00
7) Phenol-d6	7.075	99	343266	32.721	ng	0.00
23) Nitrobenzene-d5	9.057	82	210744	22.282	ng	0.00
42) 2,4,6-Tribromophenol	16.016	330	126824	29.851	ng	0.00
45) 2-Fluorobiphenyl	13.146	172	471568	25.012	ng	0.00
79) Terphenyl-d14	19.822	244	562154	23.231	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.040	77	10700	2.393	ng	99
32) Benzoic acid	10.075	122	2043m	6.658	ng	
49) Acenaphthylene	14.251	152	66046	2.641	ng	98
52) Acenaphthene	14.587	154	37900	2.496	ng	97
58) Fluorene	15.569	166	80488	4.136	ng	99
71) Phenanthrene	17.316	178	352781	13.779	ng	100
72) Anthracene	17.404	178	119377	4.738	ng	99
75) Fluoranthene	19.280	202	358223	11.521	ng	98
78) Pyrene	19.628	202	375901	11.883	ng	99
81) Benzo(a)anthracene	21.333	228	187628	5.736	ng	# 93
83) Chrysene	21.386	228	186572	5.889	ng	# 94
87) Indeno(1,2,3-cd)pyrene	26.280	276	108188	2.309	ng	99
88) Benzo(b)fluoranthene	23.021	252	210006	5.595	ng	# 82
90) Benzo(a)pyrene	23.645	252	176508	5.002	ng	# 85
92) Benzo(g,h,i)perylene	27.057	276	121879	3.059	ng	# 89

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

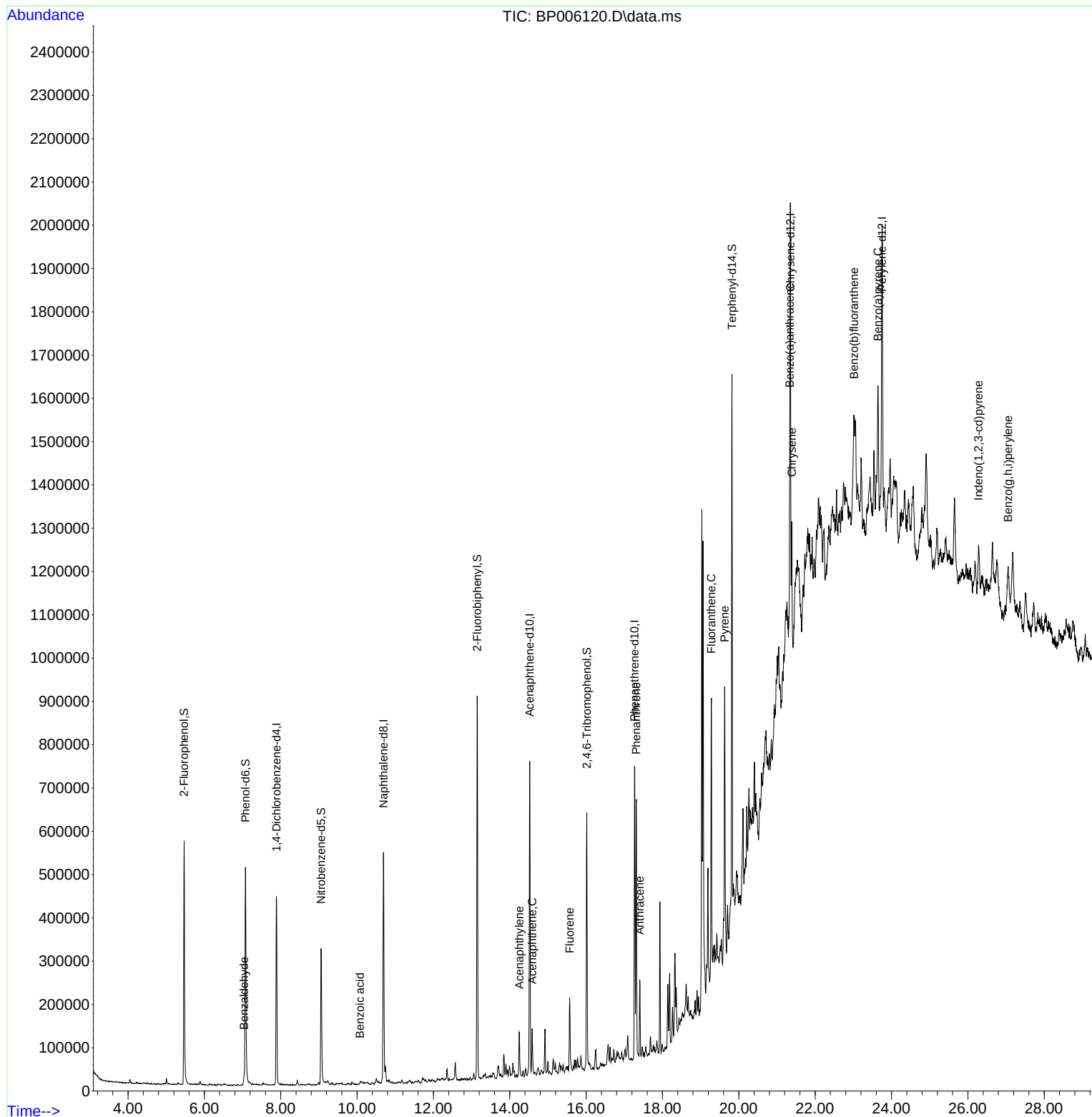
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP063021\
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Acq On : 30 Jun 2021 22:14
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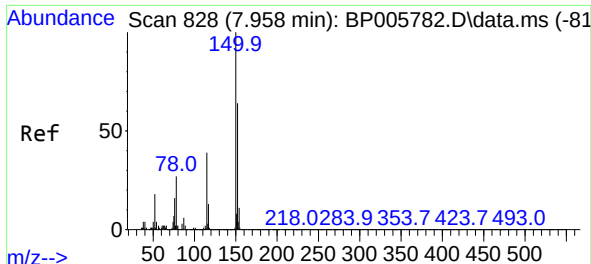
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
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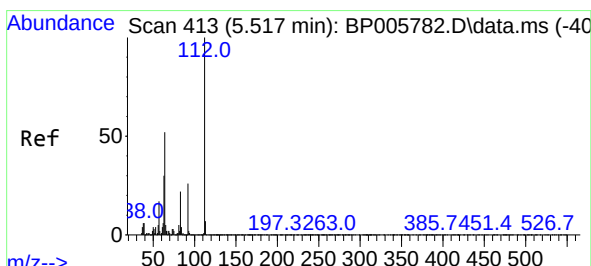
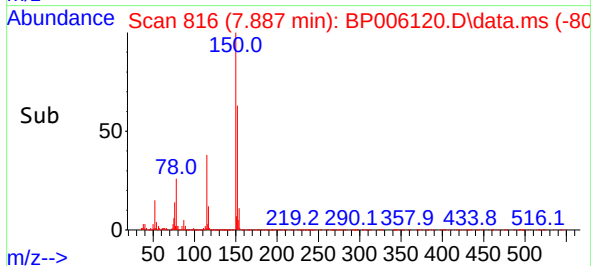
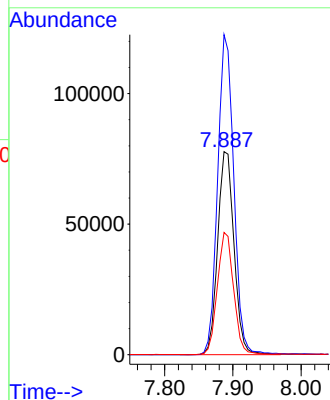
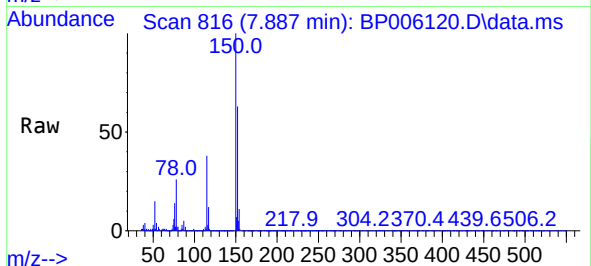
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.887 min Scan# 816
Delta R.T. -0.006 min
Lab File: BP006120.D
Acq: 30 Jun 2021 22:14

Tgt Ion:152 Resp: 129874
Ion Ratio Lower Upper
152 100
150 157.7 125.6 188.4
115 60.2 48.5 72.7

Instrument :
BNA_P
ClientSampleId :
TR-04-062821

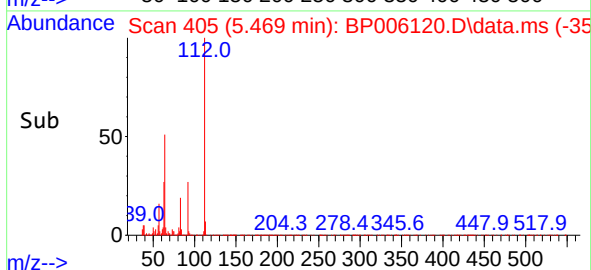
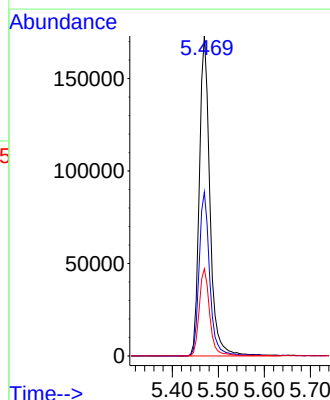
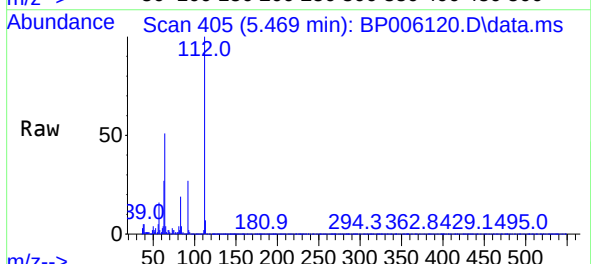
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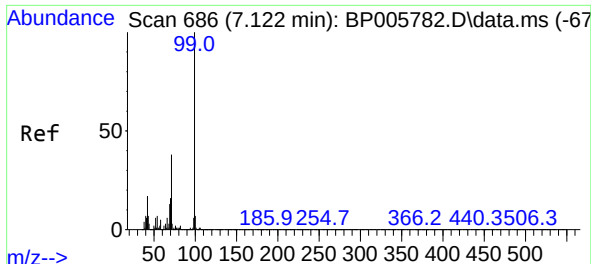
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#5
2-Fluorophenol
Concen: 34.152 ng
RT: 5.469 min Scan# 405
Delta R.T. 0.000 min
Lab File: BP006120.D
Acq: 30 Jun 2021 22:14

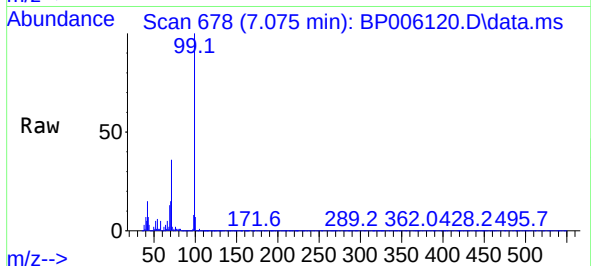
Tgt Ion:112 Resp: 276420
Ion Ratio Lower Upper
112 100
64 51.3 41.4 62.2
63 27.2 23.8 35.8





#7
Phenol-d6
Concen: 32.721 ng
RT: 7.075 min Scan# 678
Delta R.T. 0.000 min
Lab File: BP006120.D
Acq: 30 Jun 2021 22:14

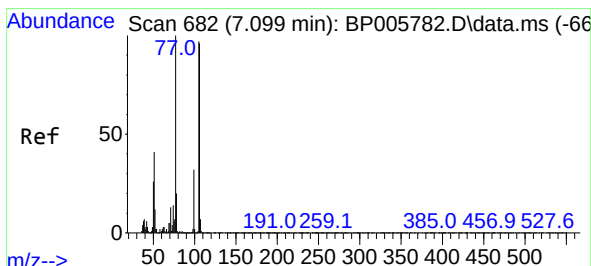
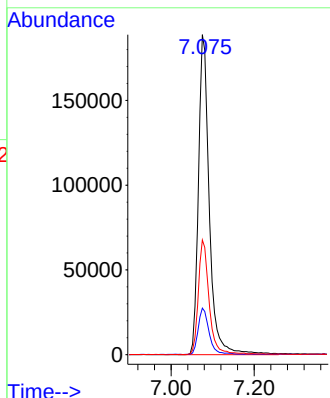
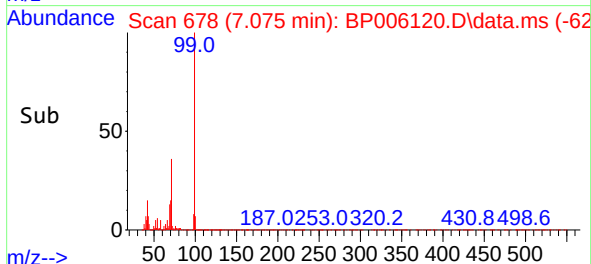
Instrument :
BNA_P
ClientSampleId :
TR-04-062821



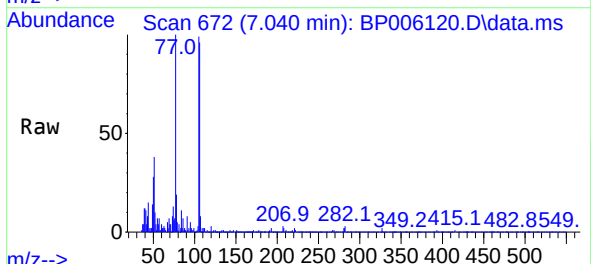
Tgt Ion: 99 Resp: 343266
Ion Ratio Lower Upper
99 100
42 14.6 13.4 20.0
71 35.9 30.6 46.0

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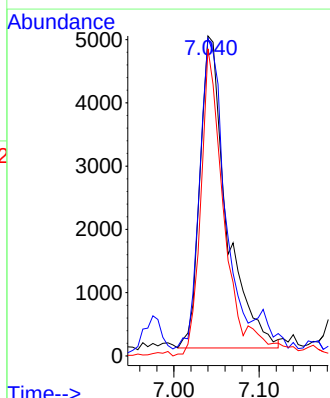
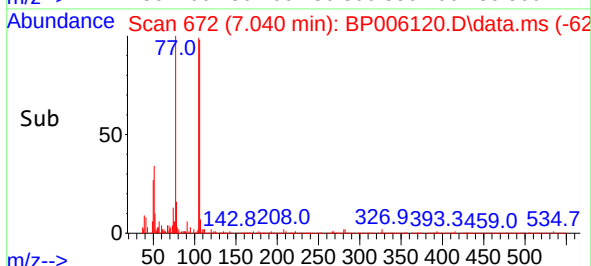
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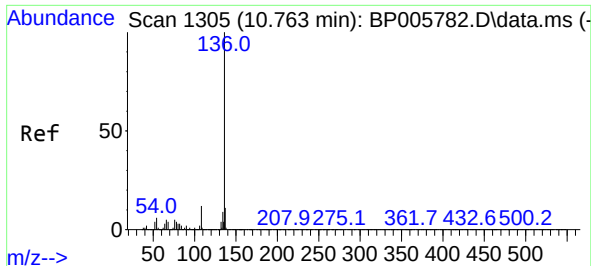


#9
Benzaldehyde
Concen: 2.393 ng
RT: 7.040 min Scan# 672
Delta R.T. 0.006 min
Lab File: BP006120.D
Acq: 30 Jun 2021 22:14



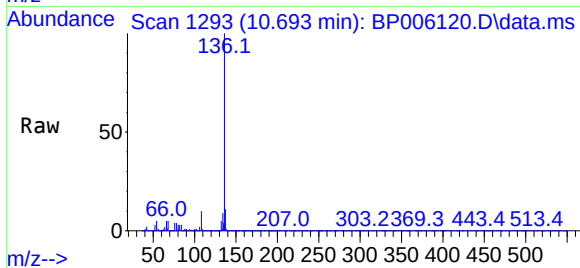
Tgt Ion: 77 Resp: 10700
Ion Ratio Lower Upper
77 100
105 99.2 76.7 116.7
106 96.0 76.2 116.2





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.693 min Scan# 1293
Delta R.T. 0.000 min
Lab File: BP006120.D
Acq: 30 Jun 2021 22:14

Instrument :
BNA_P
ClientSampleId :
TR-04-062821

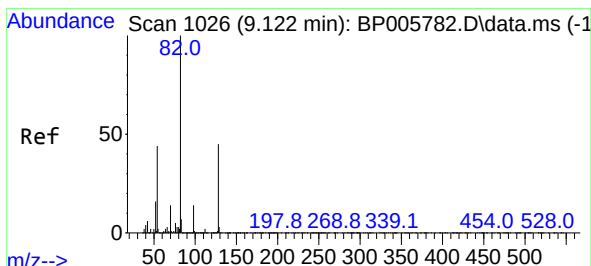
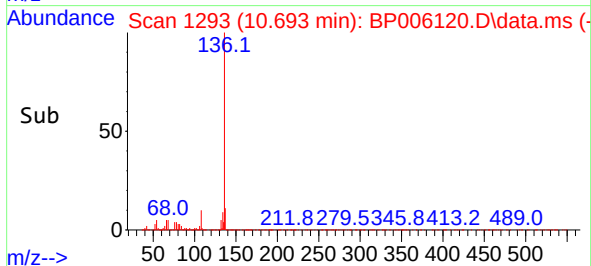
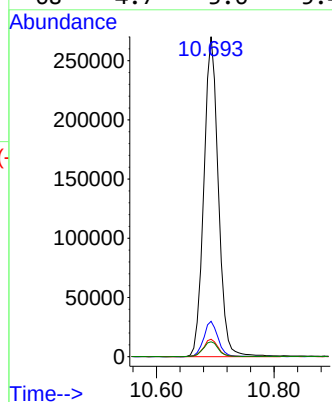


Tgt Ion: 136 Resp: 463692

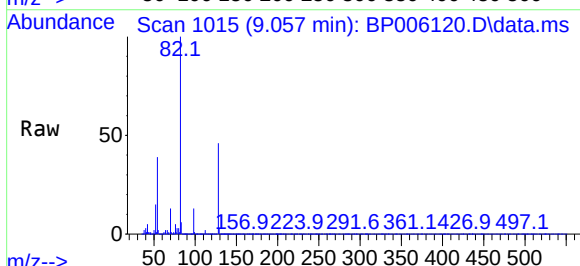
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	12.8
54	5.4	4.6	6.8
68	4.7	3.6	5.4

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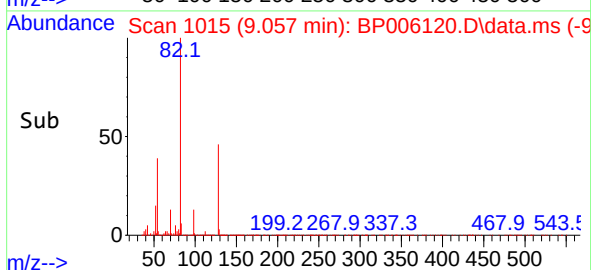
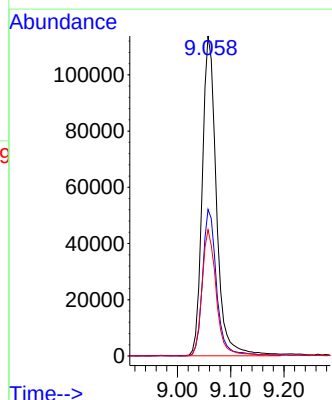


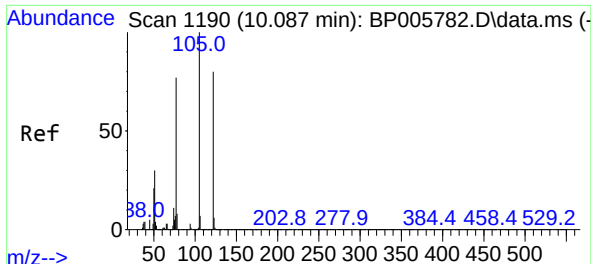
#23
Nitrobenzene-d5
Concen: 22.282 ng
RT: 9.057 min Scan# 1015
Delta R.T. 0.000 min
Lab File: BP006120.D
Acq: 30 Jun 2021 22:14



Tgt Ion: 82 Resp: 210744

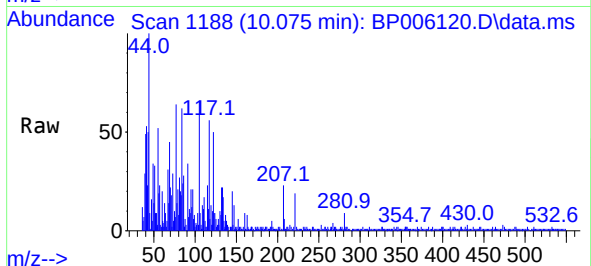
Ion	Ratio	Lower	Upper
82	100		
128	45.8	35.7	53.5
54	39.4	35.0	52.4





#32
Benzoic acid
Concen: 6.658 ng m
RT: 10.075 min Scan# 1188
Delta R.T. 0.000 min
Lab File: BP006120.D
Acq: 30 Jun 2021 22:14

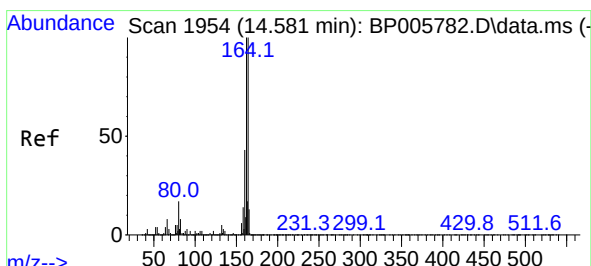
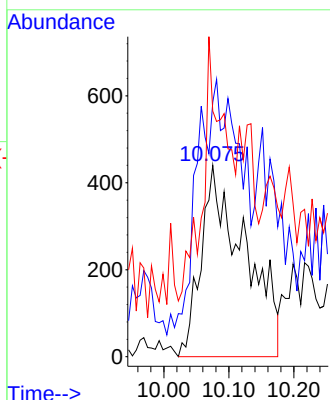
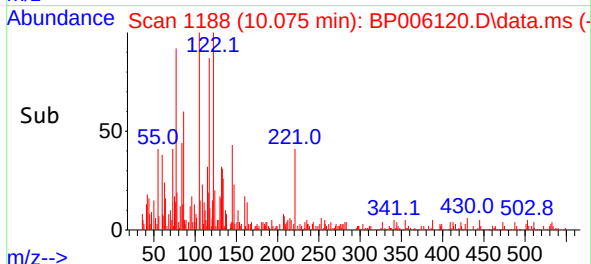
Instrument :
BNA_P
ClientSampleId :
TR-04-062821



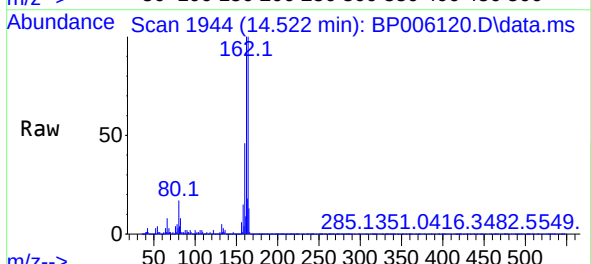
Tgt Ion:122 Resp: 2043
Ion Ratio Lower Upper
122 100
105 133.0 103.2 143.2
77 128.4 76.2 116.2#

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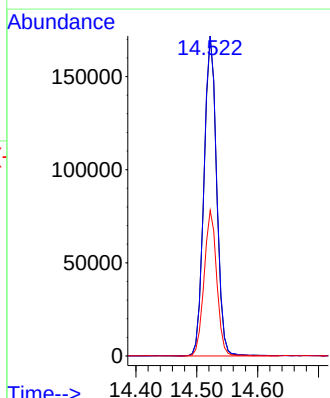
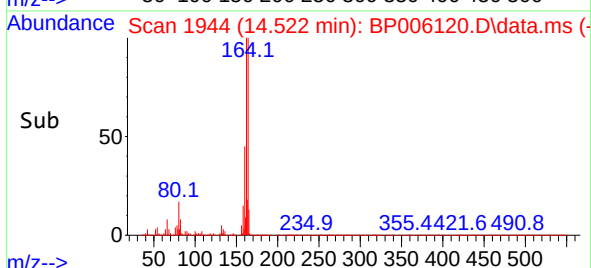
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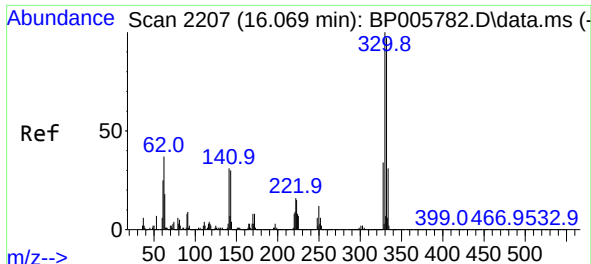


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.522 min Scan# 1944
Delta R.T. -0.006 min
Lab File: BP006120.D
Acq: 30 Jun 2021 22:14



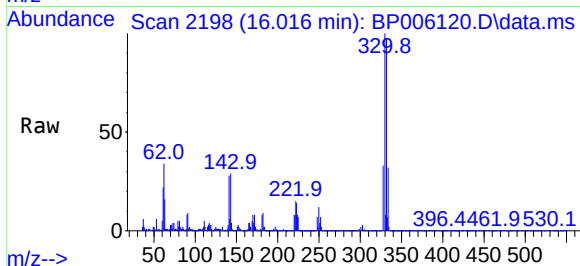
Tgt Ion:164 Resp: 247575
Ion Ratio Lower Upper
164 100
162 99.9 80.2 120.2
160 45.5 34.5 51.7





#42
2,4,6-Tribromophenol
Concen: 29.851 ng
RT: 16.016 min Scan# 2198
Delta R.T. -0.006 min
Lab File: BP006120.D
Acq: 30 Jun 2021 22:14

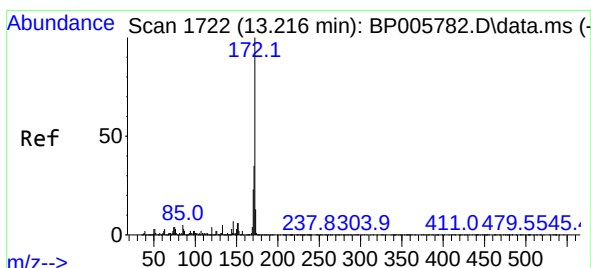
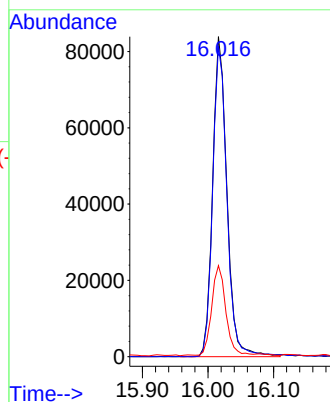
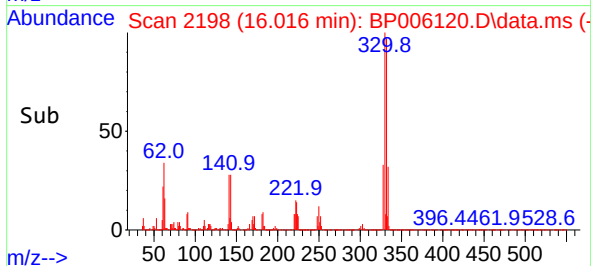
Instrument :
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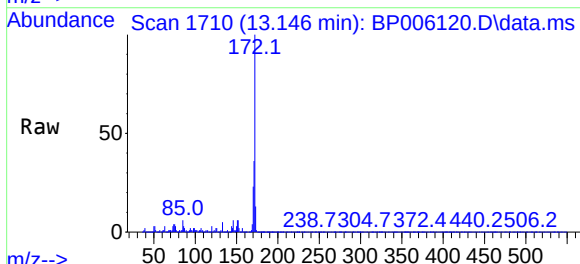
Tgt Ion:330 Resp: 126824
Ion Ratio Lower Upper
330 100
332 97.4 77.8 116.8
141 27.4 25.4 38.2

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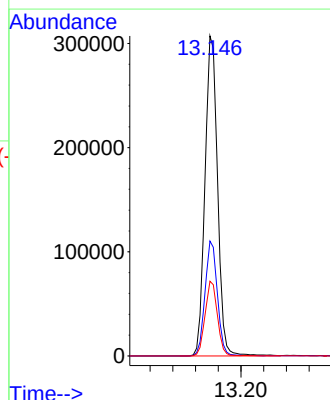
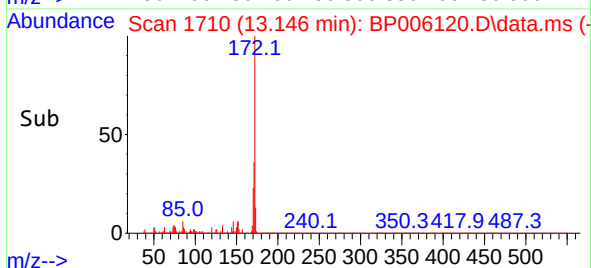
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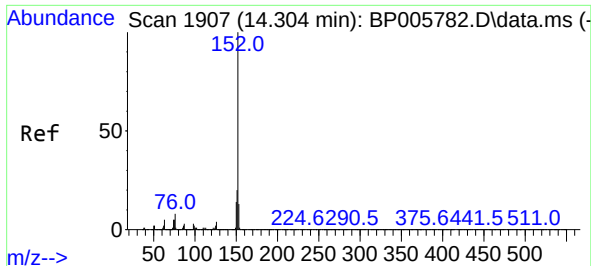


#45
2-Fluorobiphenyl
Concen: 25.012 ng
RT: 13.146 min Scan# 1710
Delta R.T. -0.006 min
Lab File: BP006120.D
Acq: 30 Jun 2021 22:14



Tgt Ion:172 Resp: 471568
Ion Ratio Lower Upper
172 100
171 35.9 27.9 41.9
170 23.4 18.6 27.8





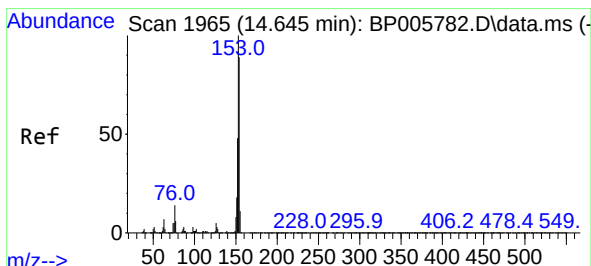
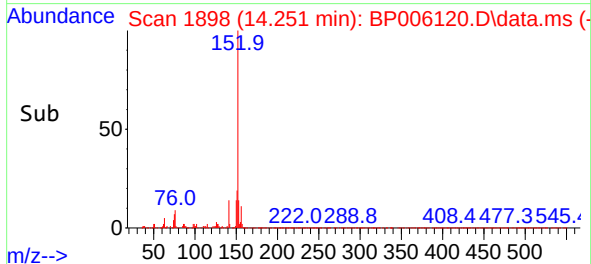
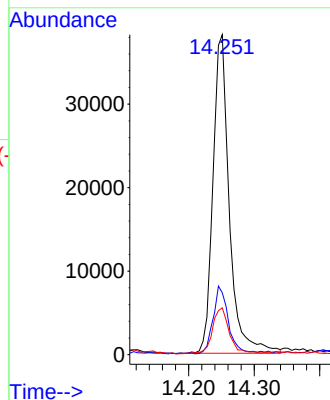
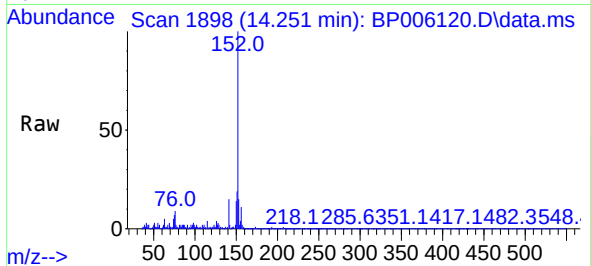
#49
Acenaphthylene
Concen: 2.641 ng
RT: 14.251 min Scan# 1898
Delta R.T. 0.006 min
Lab File: BP006120.D
Acq: 30 Jun 2021 22:14

Tgt Ion:152 Resp: 66046
Ion Ratio Lower Upper
152 100
151 19.4 16.2 24.2
153 14.7 10.6 16.0

Instrument :
BNA_P
ClientSampleId :
TR-04-062821

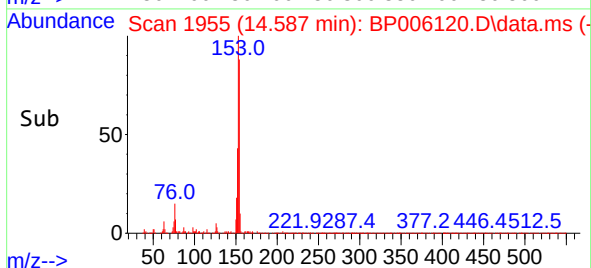
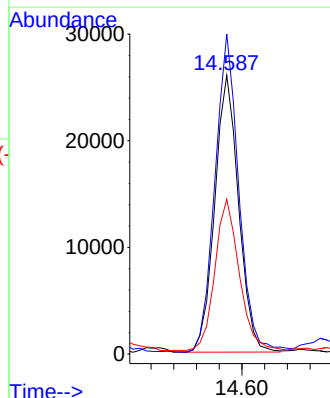
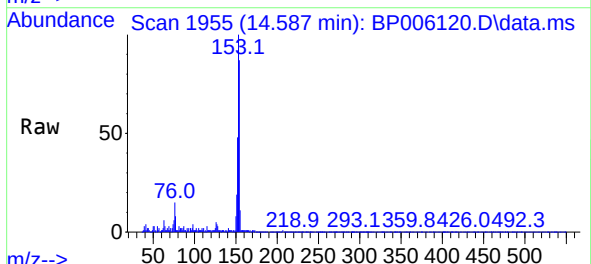
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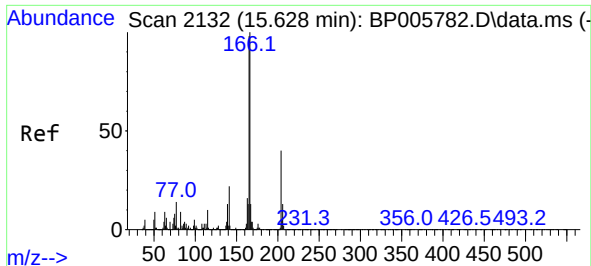
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#52
Acenaphthene
Concen: 2.496 ng
RT: 14.587 min Scan# 1955
Delta R.T. -0.006 min
Lab File: BP006120.D
Acq: 30 Jun 2021 22:14

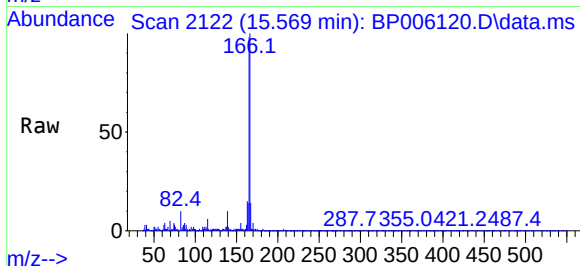
Tgt Ion:154 Resp: 37900
Ion Ratio Lower Upper
154 100
153 114.8 89.4 134.2
152 55.5 43.0 64.4





#58
Fluorene
Concen: 4.136 ng
RT: 15.569 min Scan# 2122
Delta R.T. -0.006 min
Lab File: BP006120.D
Acq: 30 Jun 2021 22:14

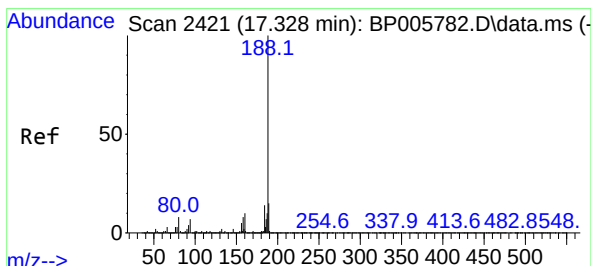
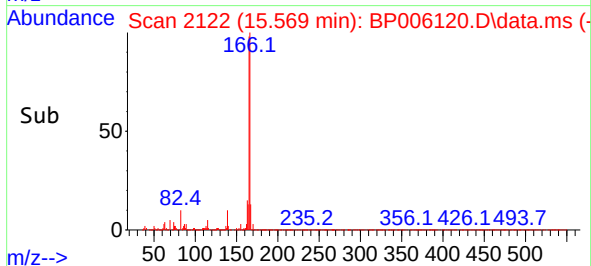
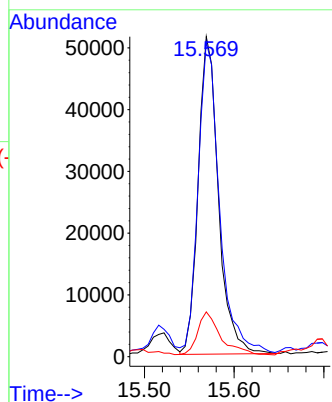
Instrument :
BNA_P
ClientSampleId :
TR-04-062821



Tgt Ion:166 Resp: 80488
Ion Ratio Lower Upper
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165 98.4 78.0 117.0
167 14.0 10.5 15.7

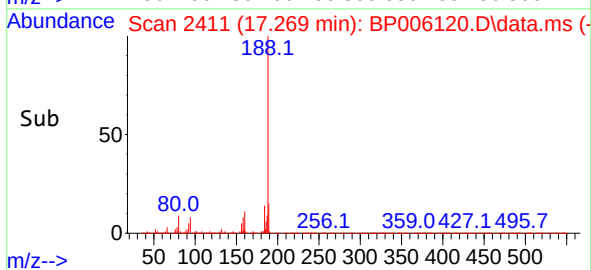
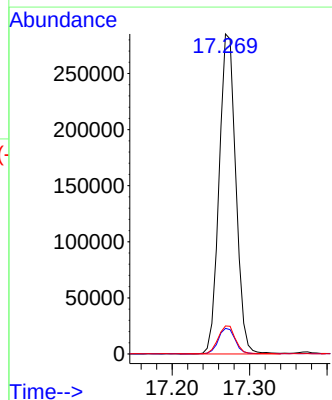
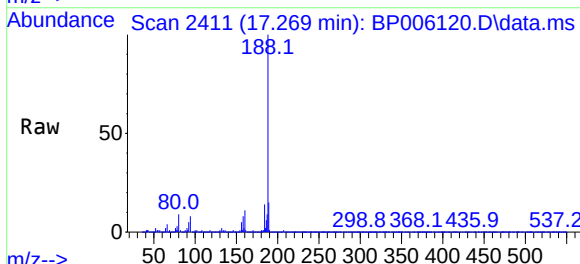
Manual Integrations
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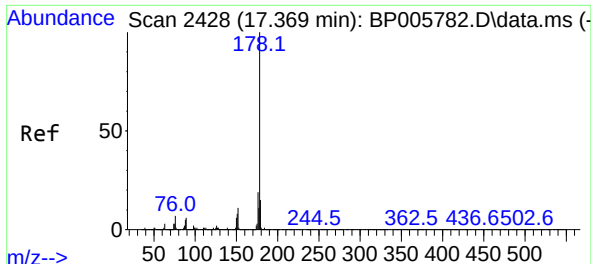
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.269 min Scan# 2411
Delta R.T. -0.006 min
Lab File: BP006120.D
Acq: 30 Jun 2021 22:14

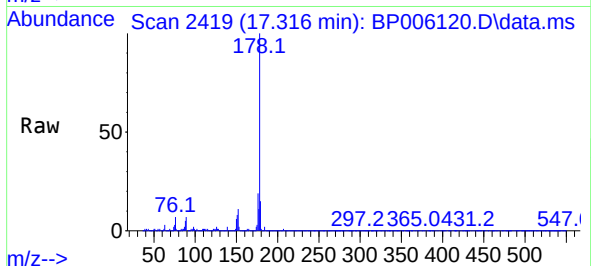
Tgt Ion:188 Resp: 426328
Ion Ratio Lower Upper
188 100
94 8.0 5.6 8.4
80 8.8 6.3 9.5





#71
Phenanthrene
Concen: 13.779 ng
RT: 17.316 min Scan# 2419
Delta R.T. -0.006 min
Lab File: BP006120.D
Acq: 30 Jun 2021 22:14

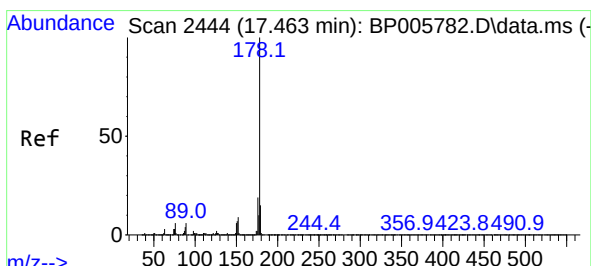
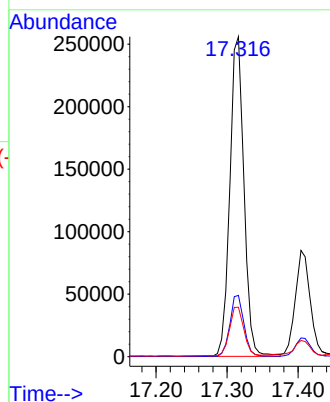
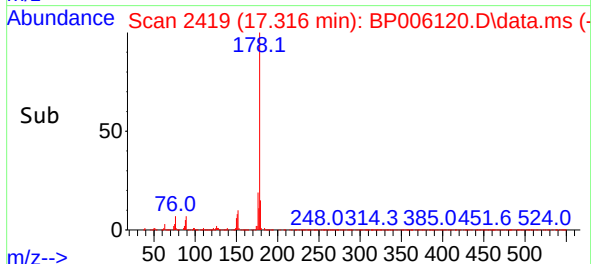
Instrument :
BNA_P
ClientSampleId :
TR-04-062821



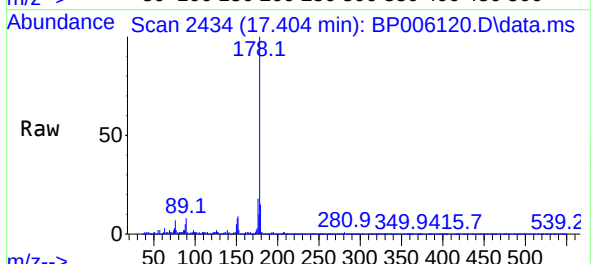
Tgt Ion:178 Resp: 352781
Ion Ratio Lower Upper
178 100
176 19.2 15.1 22.7
179 15.5 12.4 18.6

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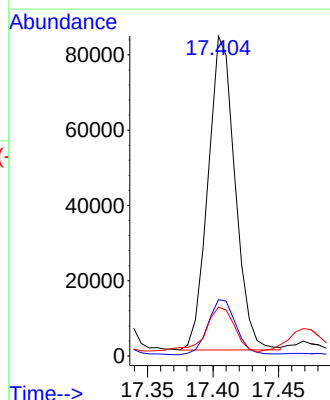
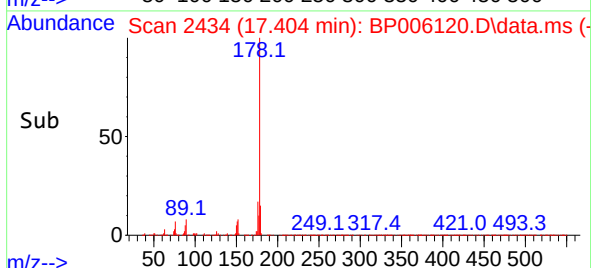
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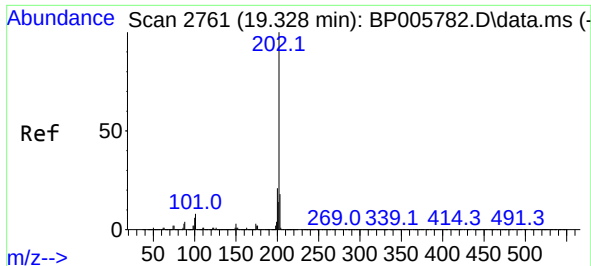


#72
Anthracene
Concen: 4.738 ng
RT: 17.404 min Scan# 2434
Delta R.T. -0.006 min
Lab File: BP006120.D
Acq: 30 Jun 2021 22:14



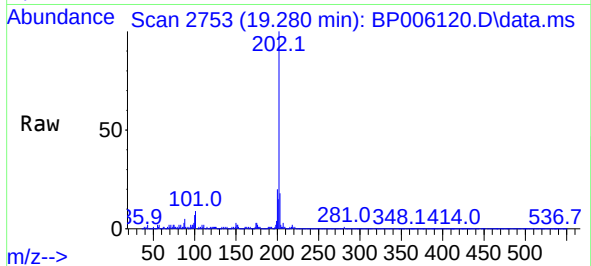
Tgt Ion:178 Resp: 119377
Ion Ratio Lower Upper
178 100
176 17.6 14.9 22.3
179 15.3 12.2 18.2





#75
Fluoranthene
Concen: 11.521 ng
RT: 19.280 min Scan# 2753
Delta R.T. -0.006 min
Lab File: BP006120.D
Acq: 30 Jun 2021 22:14

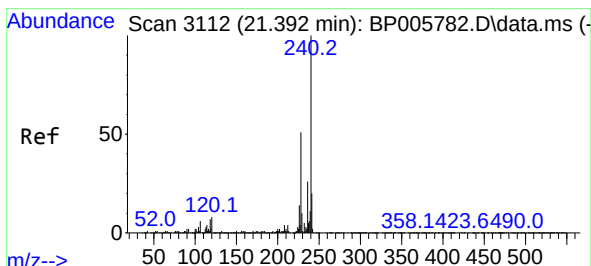
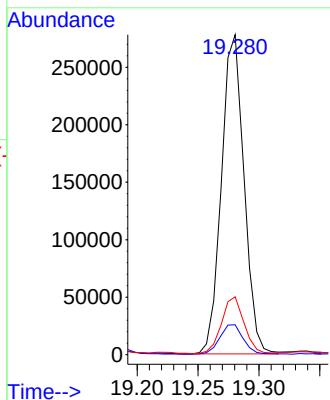
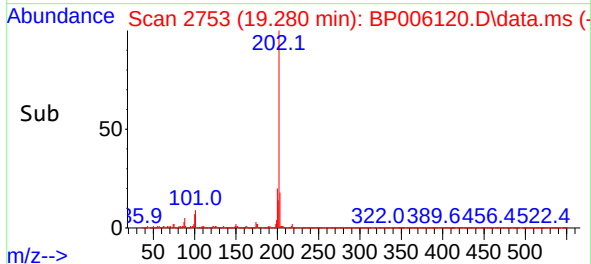
Instrument :
BNA_P
ClientSampleId :
TR-04-062821



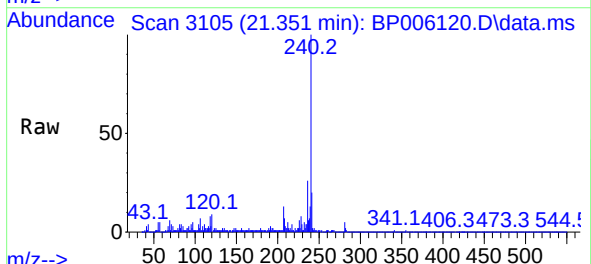
Tgt Ion:202 Resp: 358223
Ion Ratio Lower Upper
202 100
101 9.4 0.0 27.6
203 18.1 0.0 37.8

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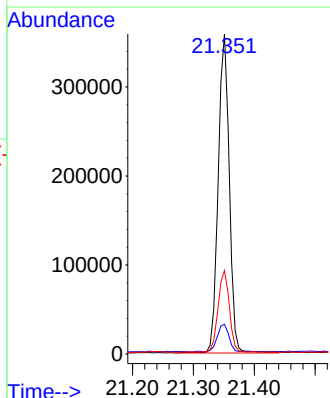
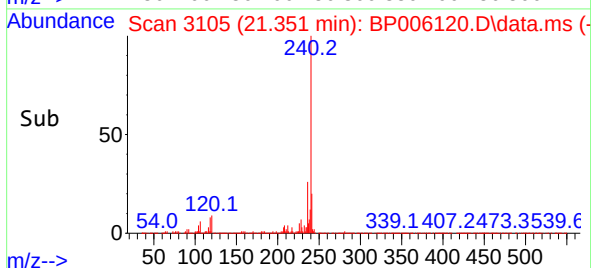
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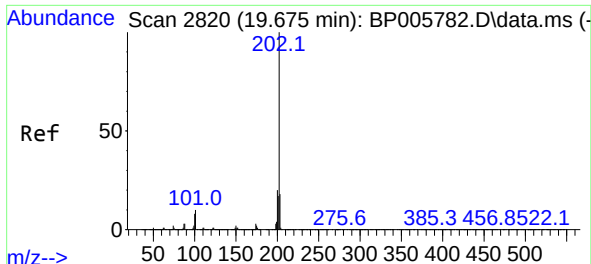


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.351 min Scan# 3105
Delta R.T. -0.006 min
Lab File: BP006120.D
Acq: 30 Jun 2021 22:14



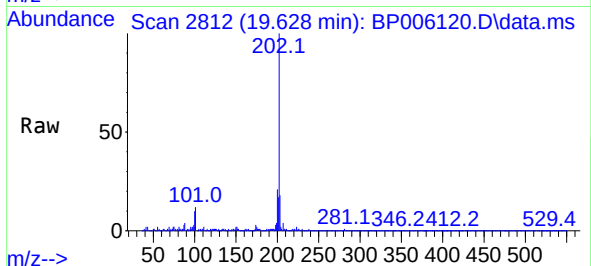
Tgt Ion:240 Resp: 453111
Ion Ratio Lower Upper
240 100
120 9.3 6.5 9.7
236 26.1 20.6 31.0





#78
Pyrene
Concen: 11.883 ng
RT: 19.628 min Scan# 2812
Delta R.T. -0.006 min
Lab File: BP006120.D
Acq: 30 Jun 2021 22:14

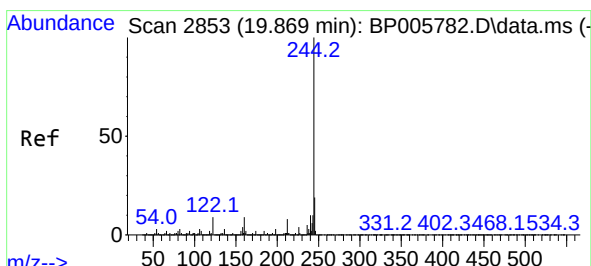
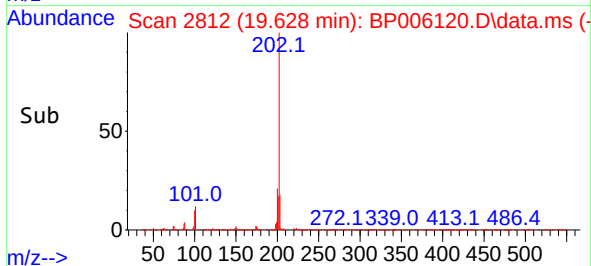
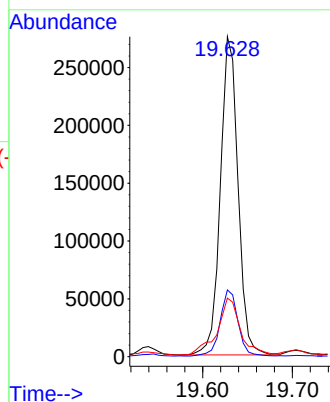
Instrument :
BNA_P
ClientSampleId :
TR-04-062821



Tgt Ion:202 Resp: 375901
Ion Ratio Lower Upper
202 100
200 20.8 16.3 24.5
203 18.3 14.2 21.2

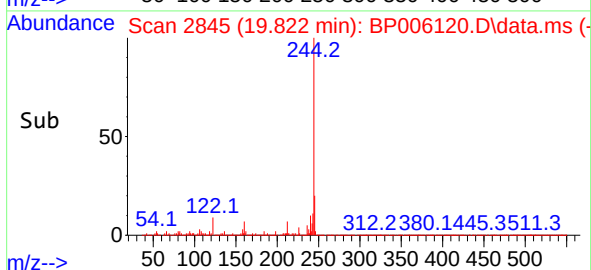
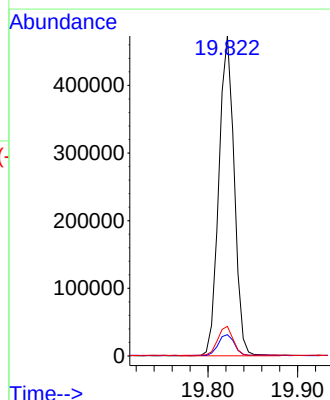
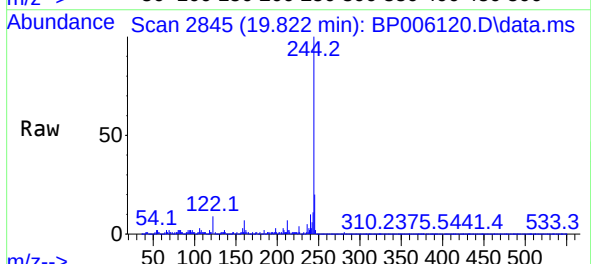
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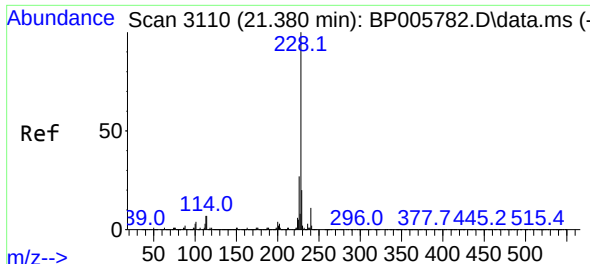
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#79
Terphenyl-d14
Concen: 23.231 ng
RT: 19.822 min Scan# 2845
Delta R.T. -0.006 min
Lab File: BP006120.D
Acq: 30 Jun 2021 22:14

Tgt Ion:244 Resp: 562154
Ion Ratio Lower Upper
244 100
212 6.6 6.0 9.0
122 9.3 7.1 10.7





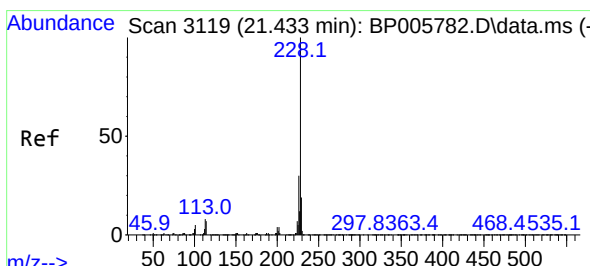
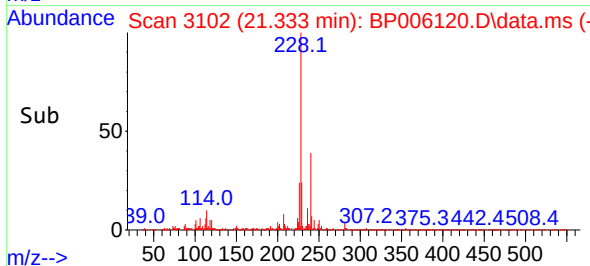
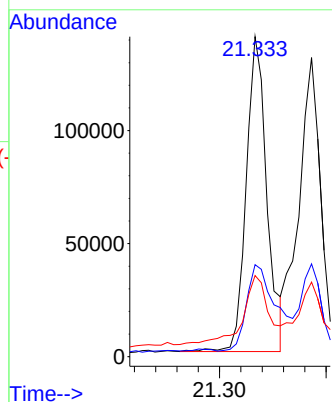
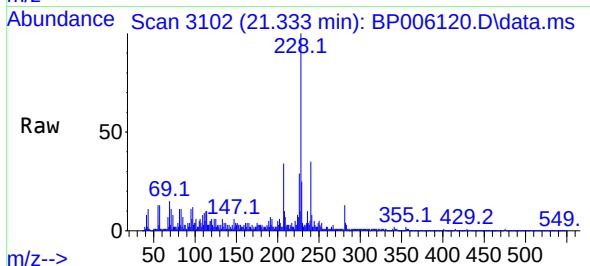
#81
Benzo(a)anthracene
Concen: 5.736 ng
RT: 21.333 min Scan# 3102
Delta R.T. -0.006 min
Lab File: BP006120.D
Acq: 30 Jun 2021 22:14

Tgt Ion:228 Resp: 187628
Ion Ratio Lower Upper
228 100
226 28.7 21.6 32.4
229 25.4 15.8 23.6#

Instrument :
BNA_P
ClientSampled :
TR-04-062821

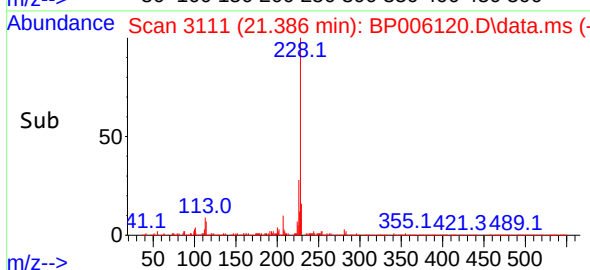
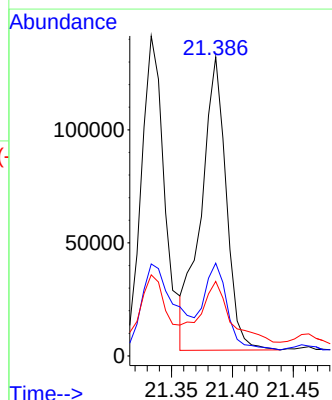
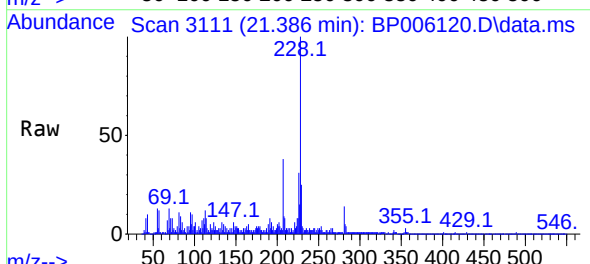
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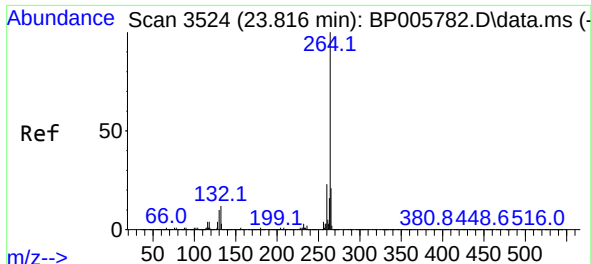
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#83
Chrysene
Concen: 5.889 ng
RT: 21.386 min Scan# 3111
Delta R.T. -0.012 min
Lab File: BP006120.D
Acq: 30 Jun 2021 22:14

Tgt Ion:228 Resp: 186572
Ion Ratio Lower Upper
228 100
226 31.0 23.8 35.6
229 24.9 15.4 23.2#





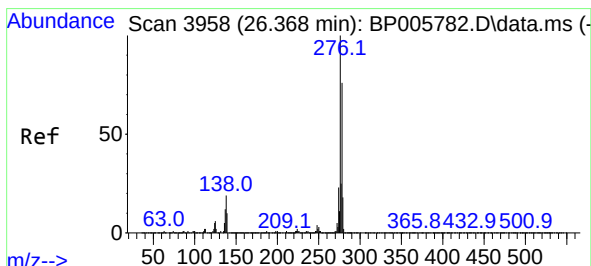
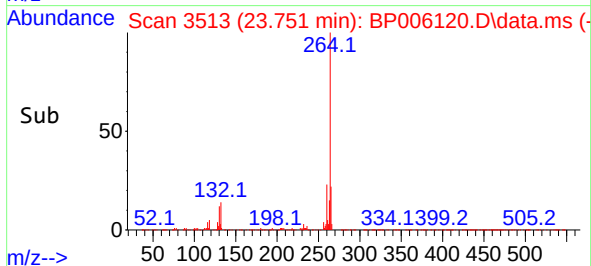
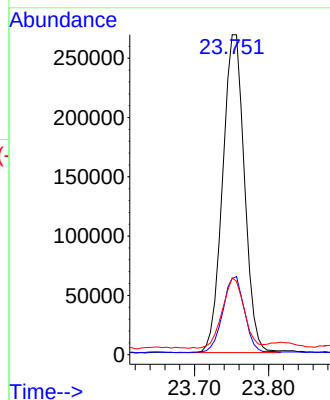
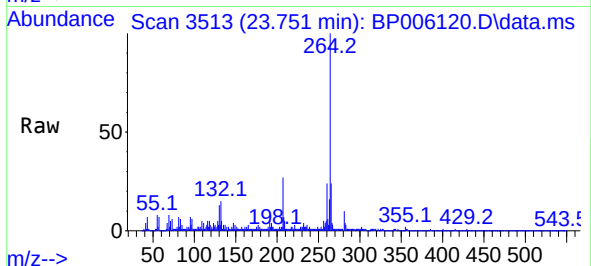
#86
Perylene-d12
Concen: 20.000 ng
RT: 23.751 min Scan# 3513
Delta R.T. -0.006 min
Lab File: BP006120.D
Acq: 30 Jun 2021 22:14

Tgt Ion: 264 Resp: 548027
Ion Ratio Lower Upper
264 100
260 23.8 18.6 28.0
265 24.0 17.6 26.4

Instrument :
BNA_P
ClientSampleId :
TR-04-062821

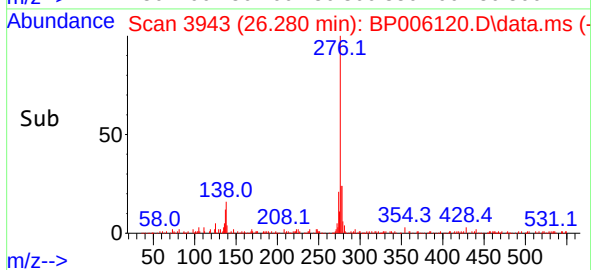
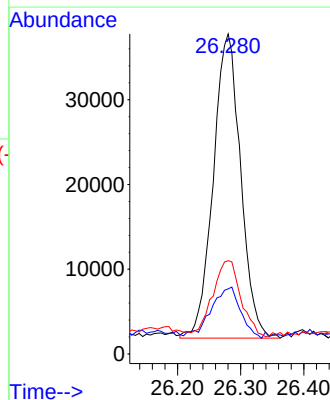
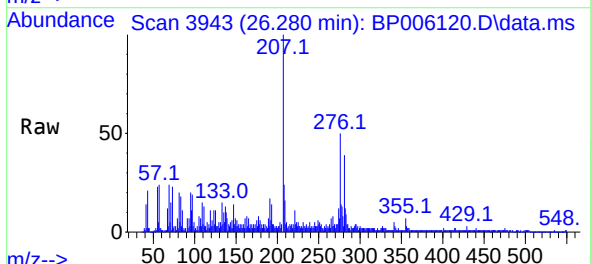
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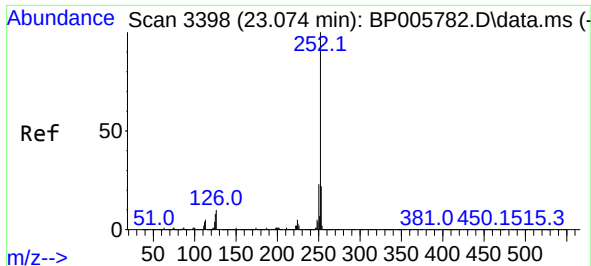
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#87
Indeno(1,2,3-cd)pyrene
Concen: 2.309 ng
RT: 26.280 min Scan# 3943
Delta R.T. -0.012 min
Lab File: BP006120.D
Acq: 30 Jun 2021 22:14

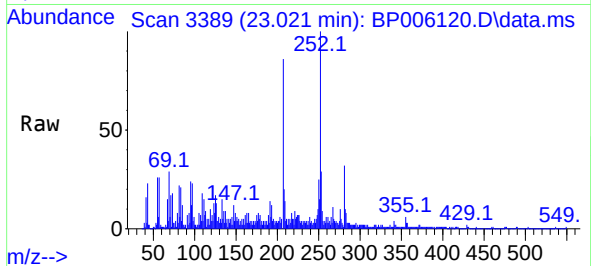
Tgt Ion: 276 Resp: 108188
Ion Ratio Lower Upper
276 100
138 18.3 15.3 22.9
277 25.7 20.4 30.6





#88
Benzo(b)fluoranthene
Concen: 5.595 ng
RT: 23.021 min Scan# 3389
Delta R.T. -0.006 min
Lab File: BP006120.D
Acq: 30 Jun 2021 22:14

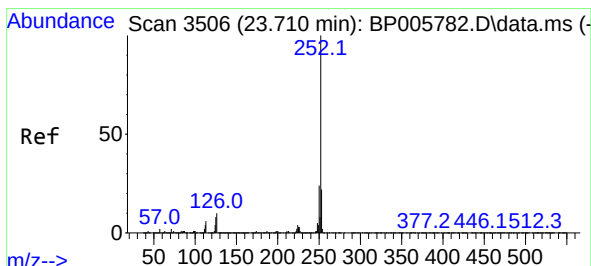
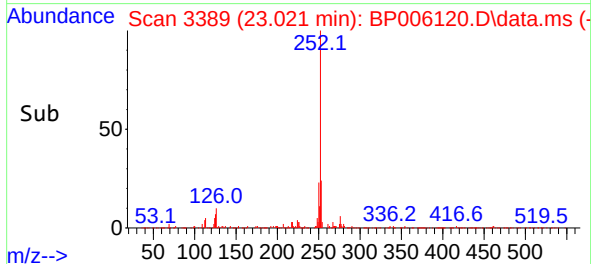
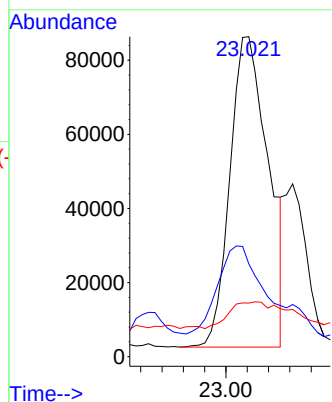
Instrument :
BNA_P
ClientSampled :
TR-04-062821



Tgt Ion:252 Resp: 210006
Ion Ratio Lower Upper
252 100
253 29.0 17.5 26.3#
125 16.7 6.2 9.4#

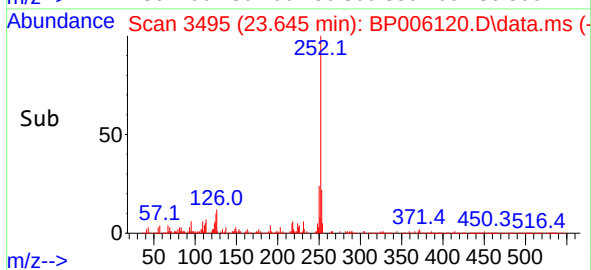
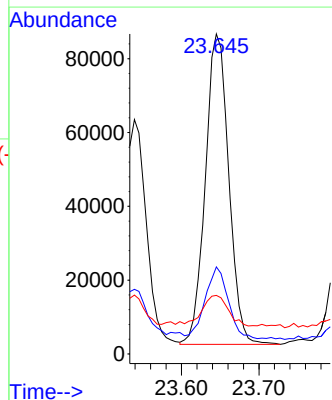
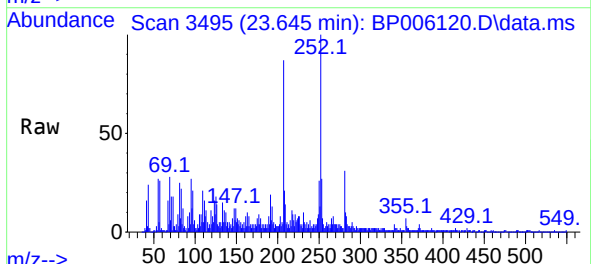
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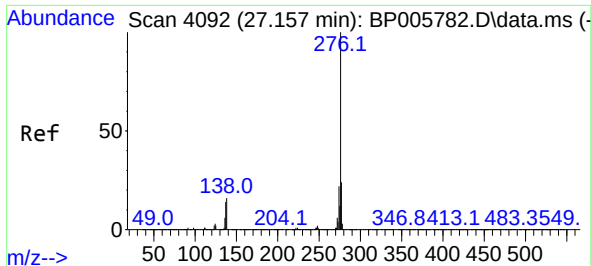
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#90
Benzo(a)pyrene
Concen: 5.002 ng
RT: 23.645 min Scan# 3495
Delta R.T. -0.012 min
Lab File: BP006120.D
Acq: 30 Jun 2021 22:14

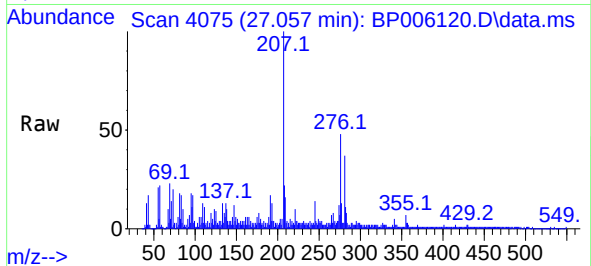
Tgt Ion:252 Resp: 176508
Ion Ratio Lower Upper
252 100
253 27.2 17.9 26.9#
125 18.3 6.5 9.7#





#92
Benzo(g,h,i)perylene
Concen: 3.059 ng
RT: 27.057 min Scan# 4075
Delta R.T. -0.012 min
Lab File: BP006120.D
Acq: 30 Jun 2021 22:14

Instrument :
BNA_P
ClientSampled :
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Tgt Ion:276 Resp: 121879
Ion Ratio Lower Upper
276 100
277 27.8 18.9 28.3
138 21.5 12.6 18.8#

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