

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092921\
 Data File : BP007258.D
 Acq On : 29 Sep 2021 22:09
 Operator : CG/JU
 Sample : M3987-01 2X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SS02-NA

Manual Integrations
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mohammad
 9/30/2021 11:31:53 AM

Quant Time: Sep 30 02:43:57 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 29 14:45:49 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.875	152	203730	20.000	ng	0.00
21) Naphthalene-d8	10.675	136	828121	20.000	ng	# 0.00
39) Acenaphthene-d10	14.510	164	556315	20.000	ng	0.00
64) Phenanthrene-d10	17.263	188	1367987	20.000	ng	0.00
76) Chrysene-d12	21.345	240	1306579	20.000	ng	# 0.00
86) Perylene-d12	23.762	264	1401538	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.452	112	725666	59.624	ng	0.00
7) Phenol-d6	7.052	99	837219	50.331	ng	0.00
23) Nitrobenzene-d5	9.034	82	528718	37.181	ng	0.00
42) 2,4,6-Tribromophenol	15.998	330	430538	59.695	ng	0.00
45) 2-Fluorobiphenyl	13.134	172	1224816	31.542	ng	0.00
79) Terphenyl-d14	19.816	244	2167265	31.786	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	17.304	178	149377m	2.036	ng	
75) Fluoranthene	19.269	202	520530	6.159	ng	95
78) Pyrene	19.622	202	544021	6.346	ng	99
81) Benzo(a)anthracene	21.333	228	308604	3.639	ng	95
83) Chrysene	21.386	228	348689	4.302	ng	96
87) Indeno(1,2,3-cd)pyrene	26.286	276	234168	2.325	ng	99
88) Benzo(b)fluoranthene	23.021	252	515401	6.153	ng	# 89
90) Benzo(a)pyrene	23.651	252	290627	4.084	ng	# 89
92) Benzo(g,h,i)perylene	27.068	276	233563	2.835	ng	# 91

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

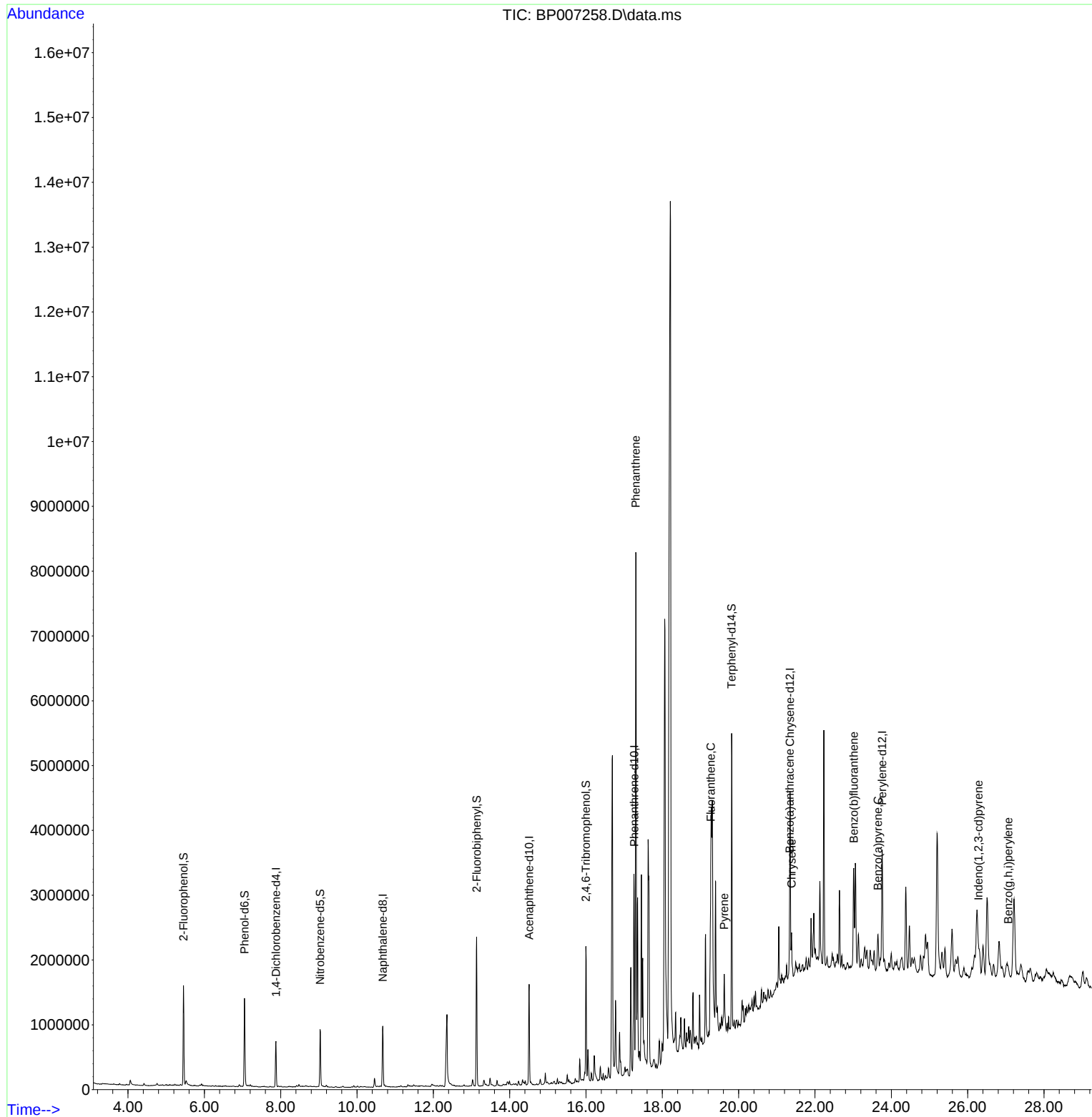
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Data File : BP007258.D
Acq On : 29 Sep 2021 22:09
Operator : CG/JU
Sample : M3987-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

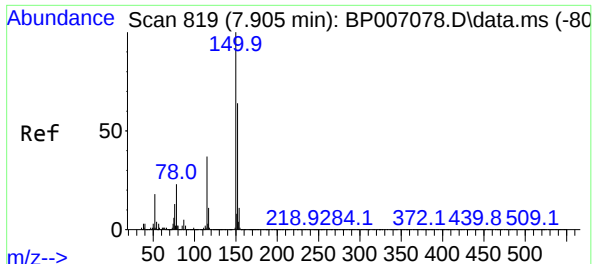
Instrument :
BNA_P
ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





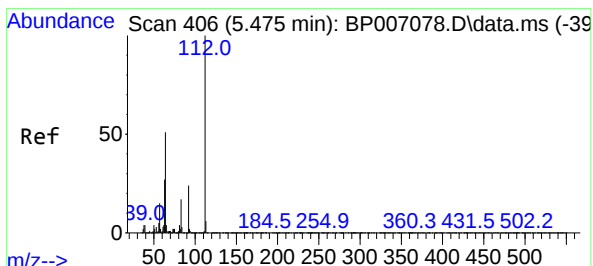
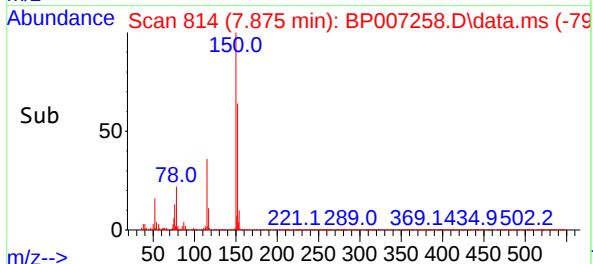
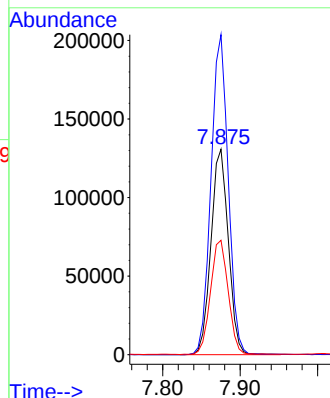
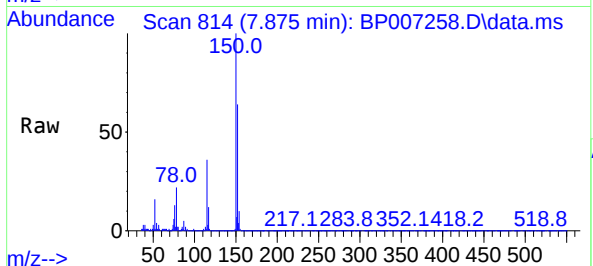
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.875 min Scan# 814
Delta R.T. 0.000 min
Lab File: BP007258.D
Acq: 29 Sep 2021 22:09

Tgt Ion:152 Resp: 203730
Ion Ratio Lower Upper
152 100
150 155.7 125.6 188.4
115 55.7 48.5 72.7

Instrument :
BNA_P
ClientSampleId :
SS02-NA

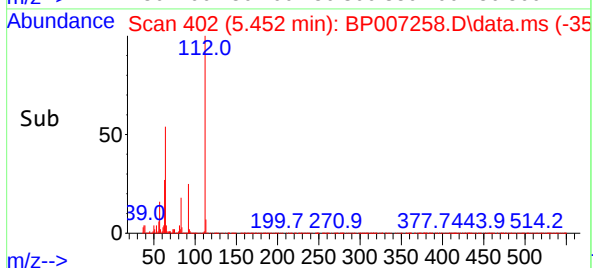
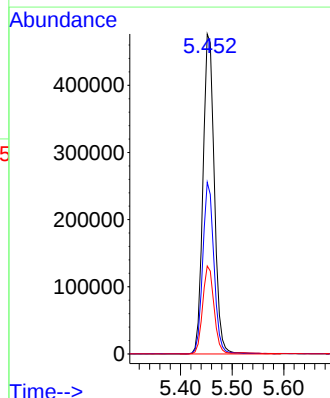
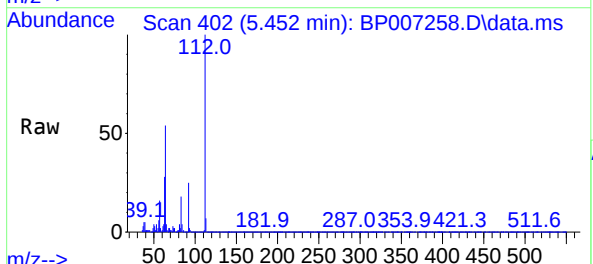
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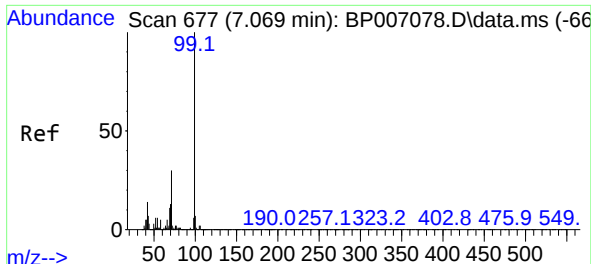
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#5
2-Fluorophenol
Concen: 59.624 ng
RT: 5.452 min Scan# 402
Delta R.T. -0.000 min
Lab File: BP007258.D
Acq: 29 Sep 2021 22:09

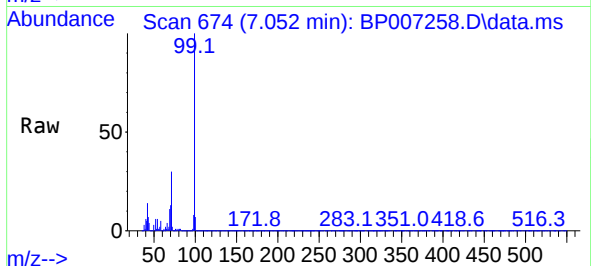
Tgt Ion:112 Resp: 725666
Ion Ratio Lower Upper
112 100
64 53.7 41.4 62.2
63 27.5 23.8 35.8





#7
Phenol-d6
Concen: 50.331 ng
RT: 7.052 min Scan# 674
Delta R.T. -0.000 min
Lab File: BP007258.D
Acq: 29 Sep 2021 22:09

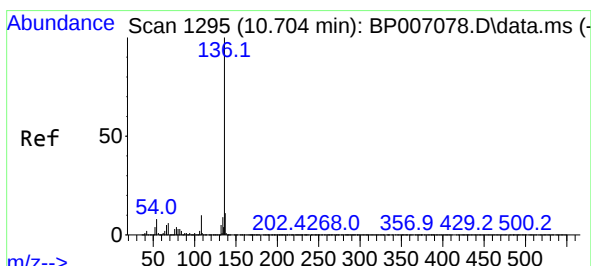
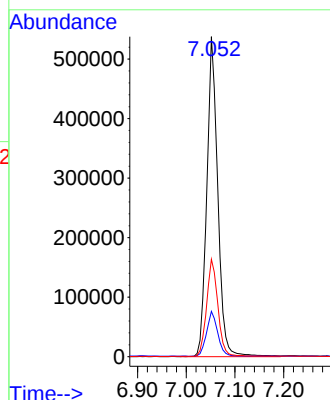
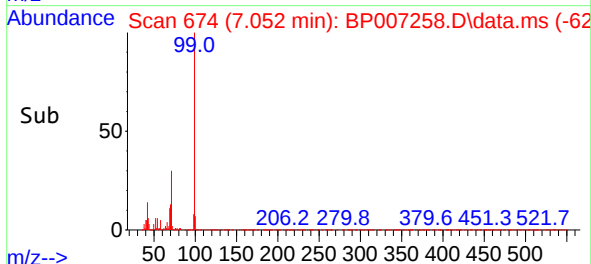
Instrument :
BNA_P
ClientSampleId :
SS02-NA



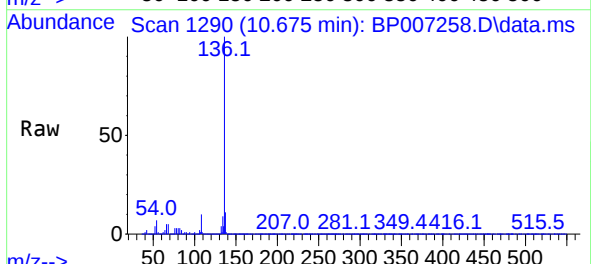
Tgt Ion: 99 Resp: 837219
Ion Ratio Lower Upper
99 100
42 14.1 13.4 20.0
71 30.4 30.6 46.0#

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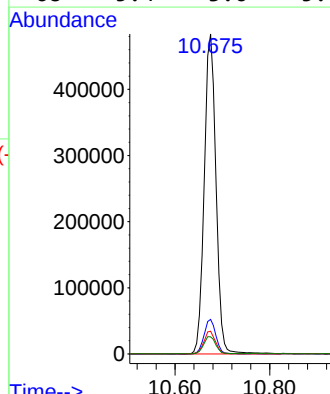
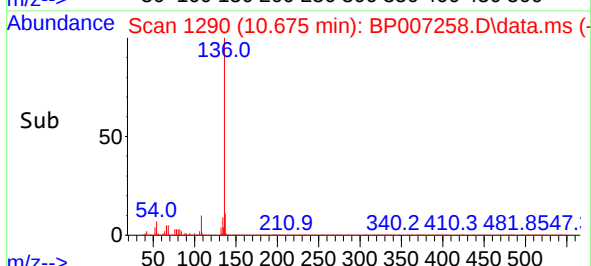
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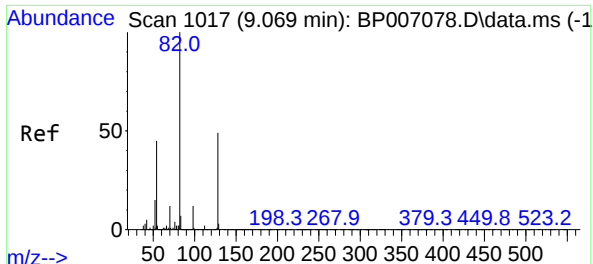


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.675 min Scan# 1290
Delta R.T. -0.000 min
Lab File: BP007258.D
Acq: 29 Sep 2021 22:09



Tgt Ion: 136 Resp: 828121
Ion Ratio Lower Upper
136 100
137 10.8 8.6 12.8
54 7.1 4.6 6.8#
68 5.4 3.6 5.4





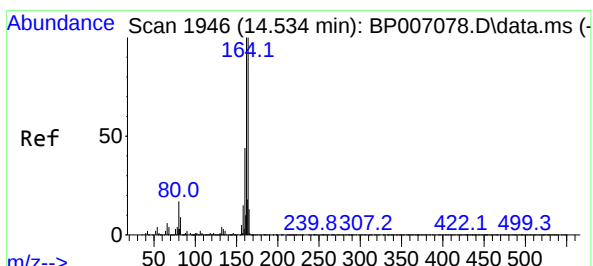
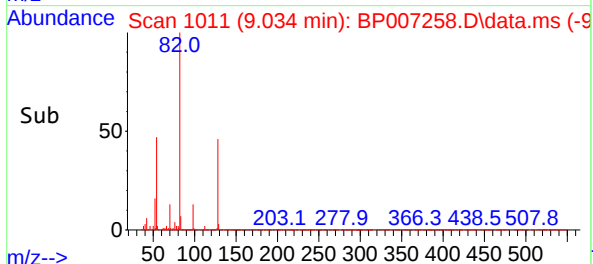
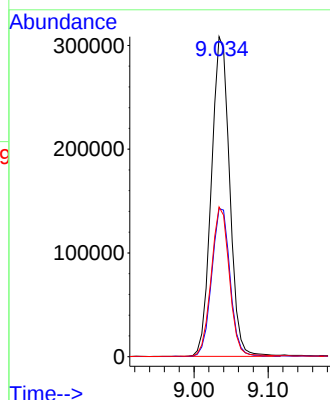
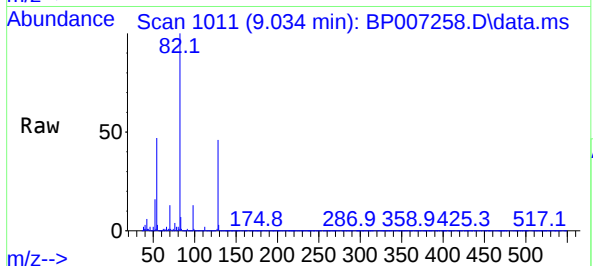
#23
Nitrobenzene-d5
Concen: 37.181 ng
RT: 9.034 min Scan# 1011
Delta R.T. -0.006 min
Lab File: BP007258.D
Acq: 29 Sep 2021 22:09

Tgt Ion: 82 Resp: 528718
Ion Ratio Lower Upper
82 100
128 46.3 35.7 53.5
54 46.8 35.0 52.4

Instrument :
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ClientSampleId :
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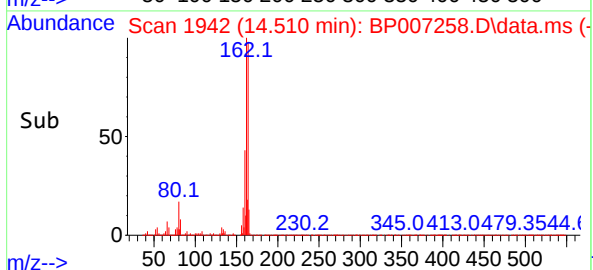
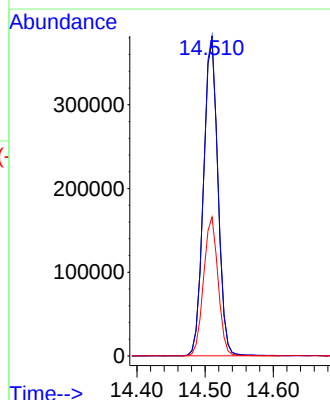
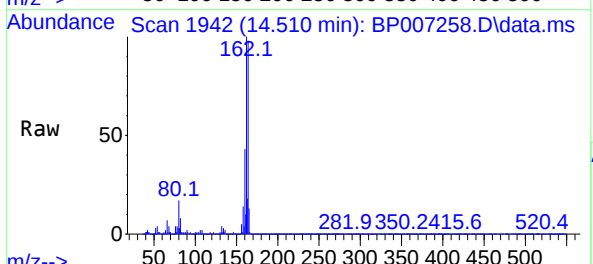
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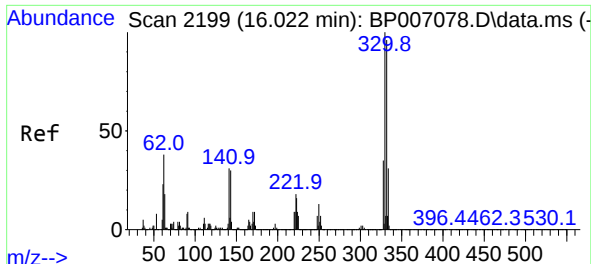
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.510 min Scan# 1942
Delta R.T. -0.000 min
Lab File: BP007258.D
Acq: 29 Sep 2021 22:09

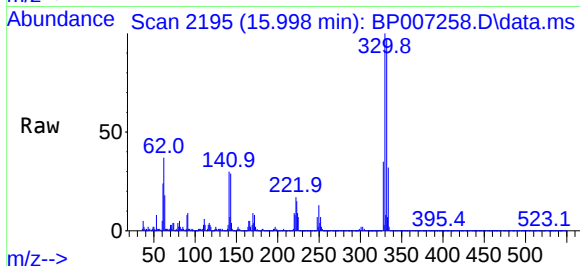
Tgt Ion: 164 Resp: 556315
Ion Ratio Lower Upper
164 100
162 101.6 80.2 120.2
160 44.1 34.5 51.7





#42
2,4,6-Tribromophenol
Concen: 59.695 ng
RT: 15.998 min Scan# 2195
Delta R.T. -0.006 min
Lab File: BP007258.D
Acq: 29 Sep 2021 22:09

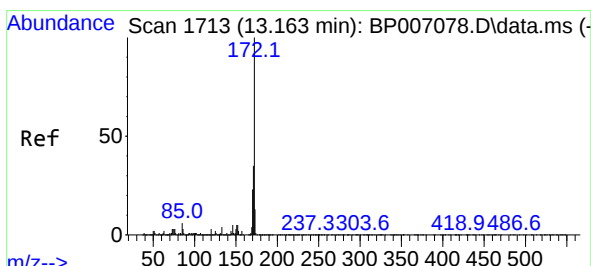
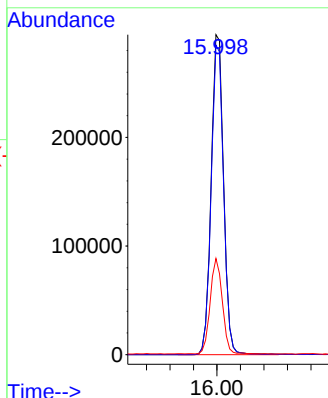
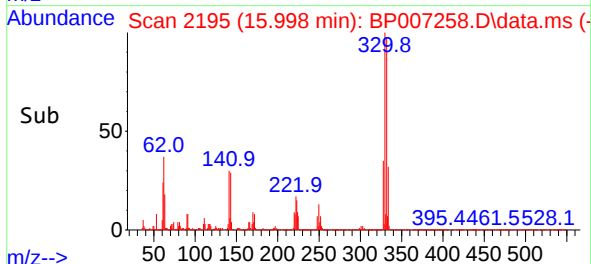
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BNA_P
ClientSampleId :
SS02-NA



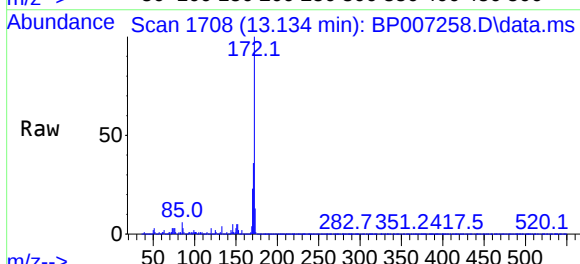
Tgt Ion:330 Resp: 430538
Ion Ratio Lower Upper
330 100
332 96.7 77.8 116.8
141 29.3 25.4 38.2

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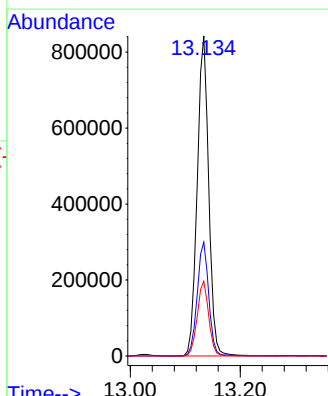
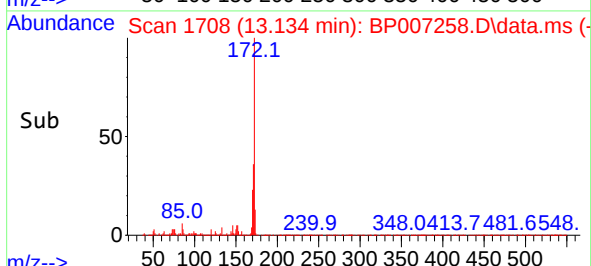
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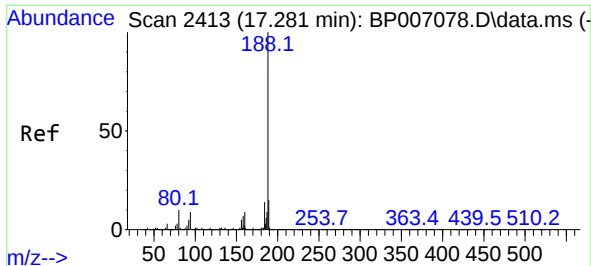


#45
2-Fluorobiphenyl
Concen: 31.542 ng
RT: 13.134 min Scan# 1708
Delta R.T. -0.000 min
Lab File: BP007258.D
Acq: 29 Sep 2021 22:09



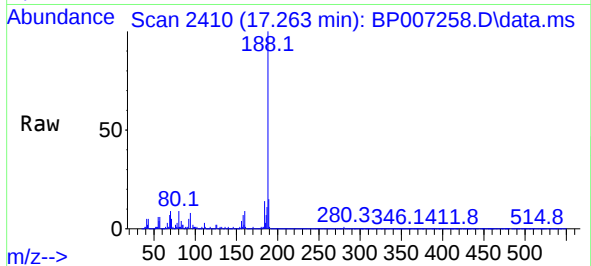
Tgt Ion:172 Resp: 1224816
Ion Ratio Lower Upper
172 100
171 35.5 27.9 41.9
170 23.4 18.6 27.8





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.263 min Scan# 2410
Delta R.T. -0.000 min
Lab File: BP007258.D
Acq: 29 Sep 2021 22:09

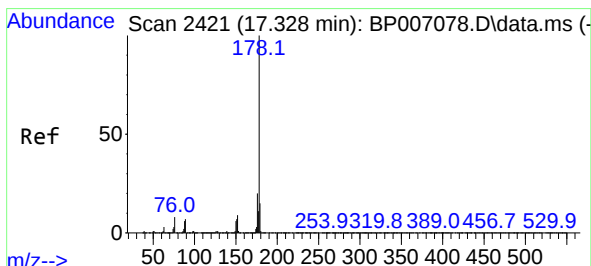
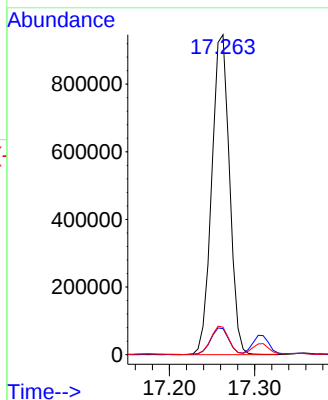
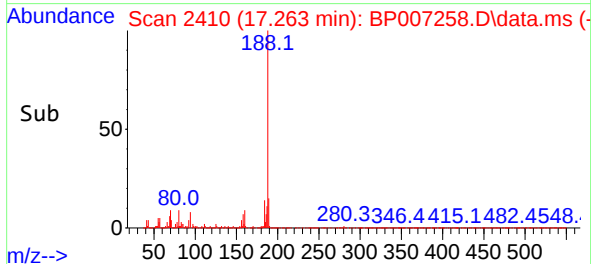
Instrument :
BNA_P
ClientSampleId :
SS02-NA



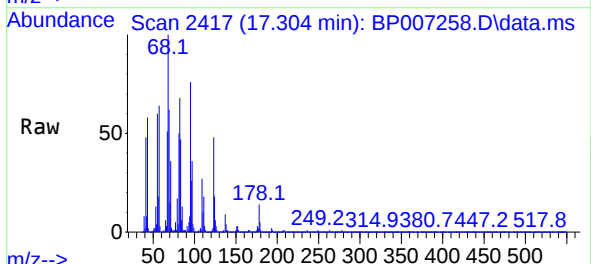
Tgt Ion:188 Resp: 1367987
Ion Ratio Lower Upper
188 100
94 8.2 5.6 8.4
80 8.6 6.3 9.5

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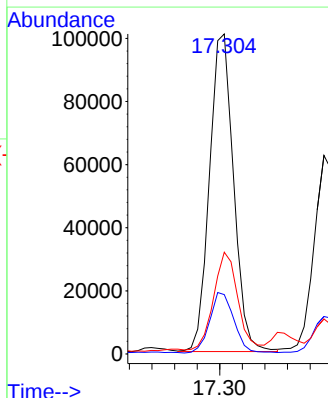
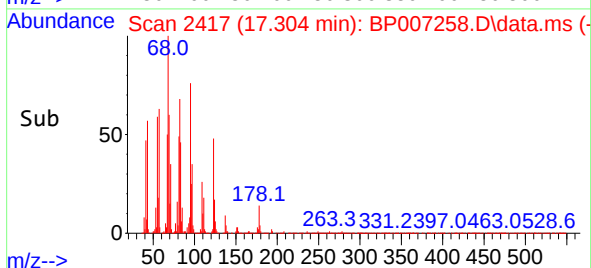
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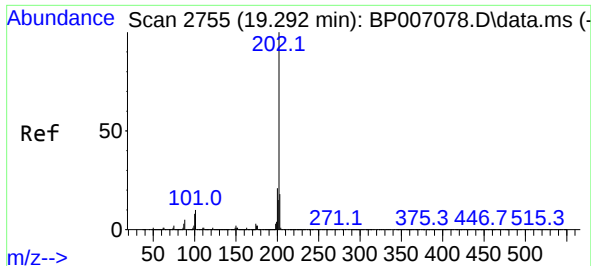


#71
Phenanthrene
Concen: 2.036 ng m
RT: 17.304 min Scan# 2417
Delta R.T. -0.000 min
Lab File: BP007258.D
Acq: 29 Sep 2021 22:09



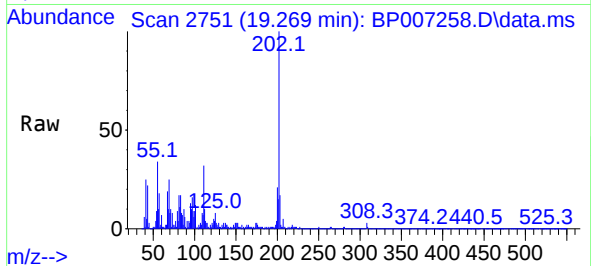
Tgt Ion:178 Resp: 149377
Ion Ratio Lower Upper
178 100
176 18.6 15.1 22.7
179 31.8 12.4 18.6#





#75
Fluoranthene
Concen: 6.159 ng
RT: 19.269 min Scan# 2751
Delta R.T. -0.006 min
Lab File: BP007258.D
Acq: 29 Sep 2021 22:09

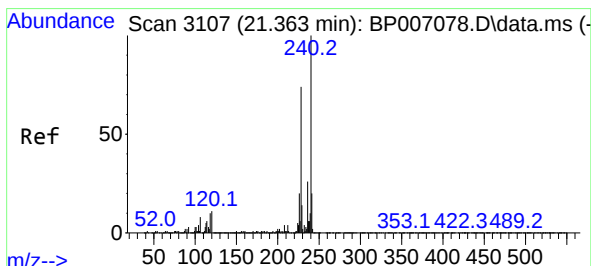
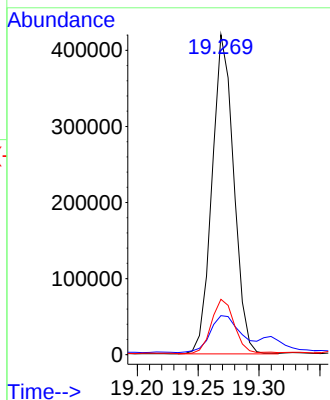
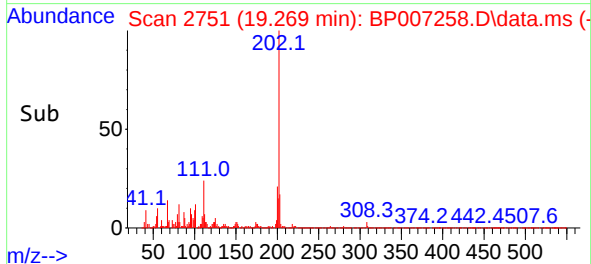
Instrument :
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ClientSampleId :
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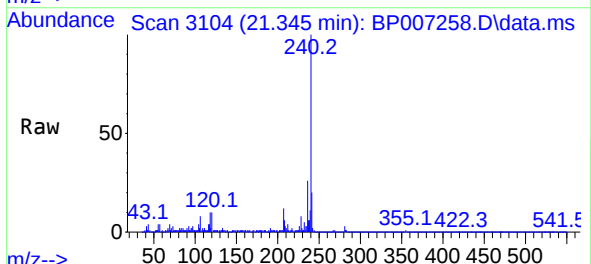
Tgt Ion:202 Resp: 520530
Ion Ratio Lower Upper
202 100
101 12.2 0.0 27.6
203 17.3 0.0 37.8

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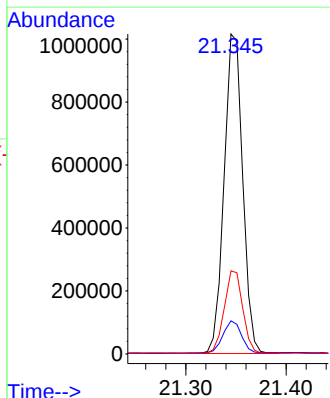
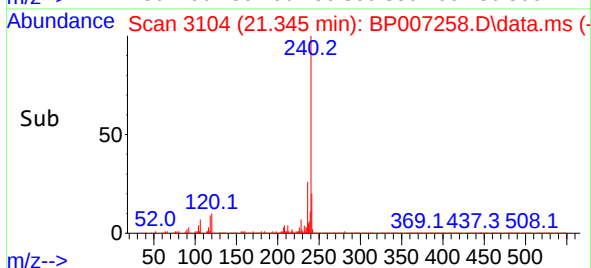
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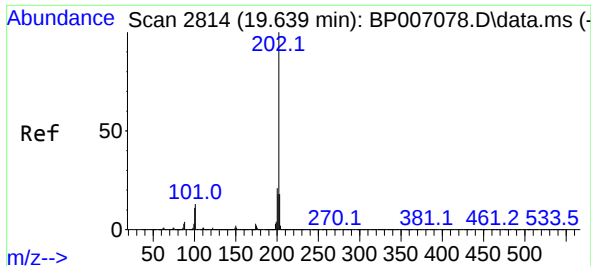


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.345 min Scan# 3104
Delta R.T. -0.006 min
Lab File: BP007258.D
Acq: 29 Sep 2021 22:09



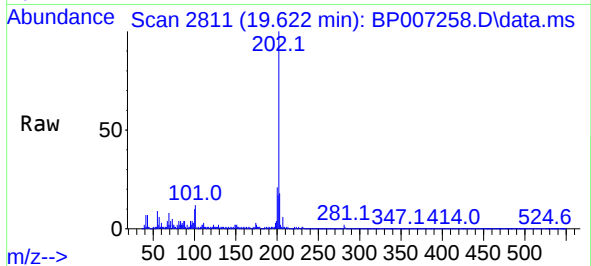
Tgt Ion:240 Resp: 1306579
Ion Ratio Lower Upper
240 100
120 10.4 6.5 9.7#
236 26.0 20.6 31.0





#78
Pyrene
Concen: 6.346 ng
RT: 19.622 min Scan# 2811
Delta R.T. -0.006 min
Lab File: BP007258.D
Acq: 29 Sep 2021 22:09

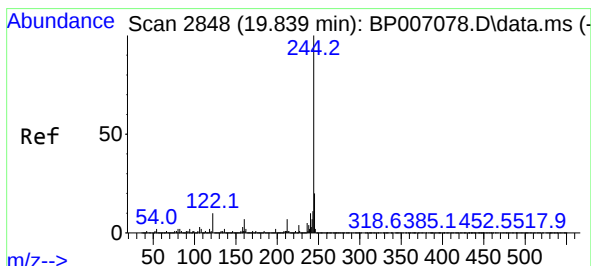
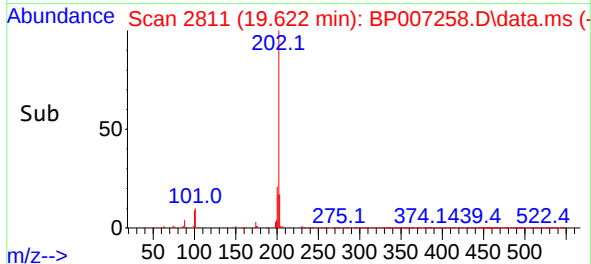
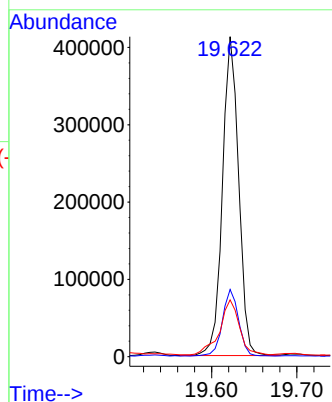
Instrument :
BNA_P
ClientSampleId :
SS02-NA



Tgt Ion:202 Resp: 544021
Ion Ratio Lower Upper
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203 17.7 14.2 21.2

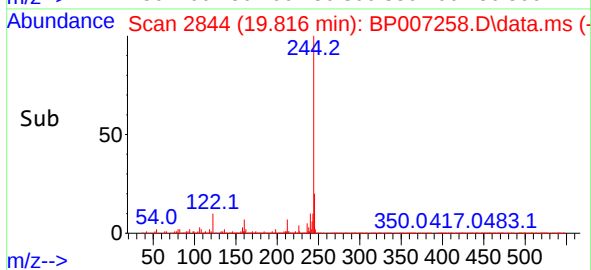
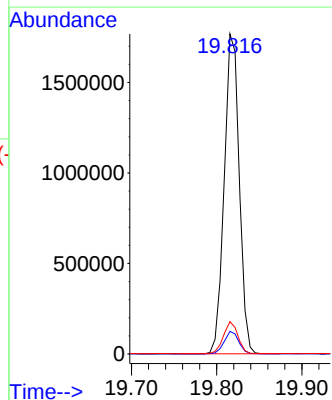
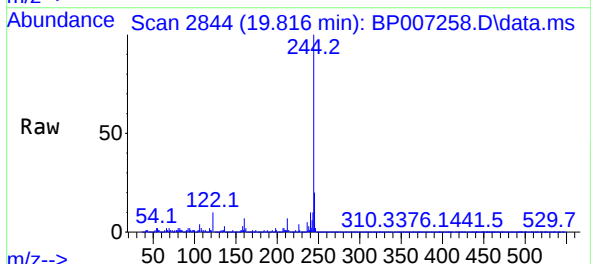
Manual Integrations
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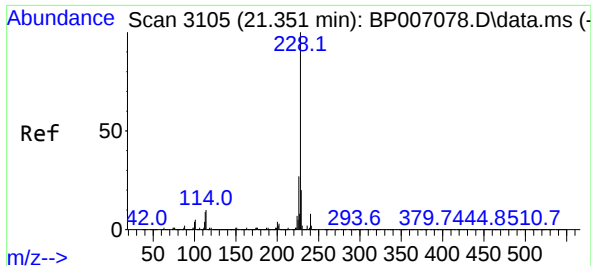
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#79
Terphenyl-d14
Concen: 31.786 ng
RT: 19.816 min Scan# 2844
Delta R.T. -0.006 min
Lab File: BP007258.D
Acq: 29 Sep 2021 22:09

Tgt Ion:244 Resp: 2167265
Ion Ratio Lower Upper
244 100
212 7.0 6.0 9.0
122 10.1 7.1 10.7





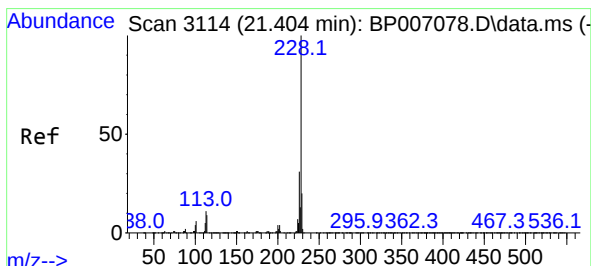
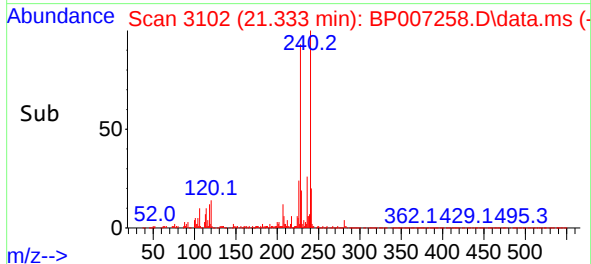
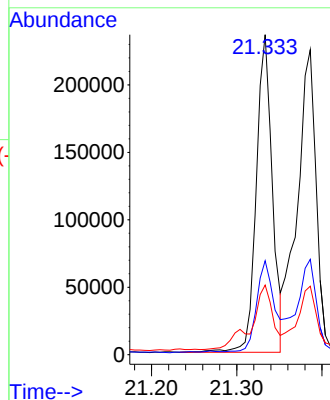
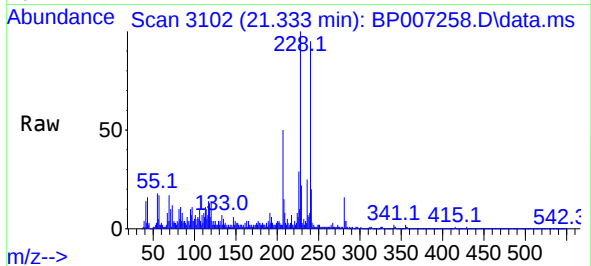
#81
Benzo(a)anthracene
Concen: 3.639 ng
RT: 21.333 min Scan# 3102
Delta R.T. -0.006 min
Lab File: BP007258.D
Acq: 29 Sep 2021 22:09

Tgt Ion:228 Resp: 308604
Ion Ratio Lower Upper
228 100
226 29.3 21.6 32.4
229 21.8 15.8 23.6

Instrument :
BNA_P
ClientSampleId :
SS02-NA

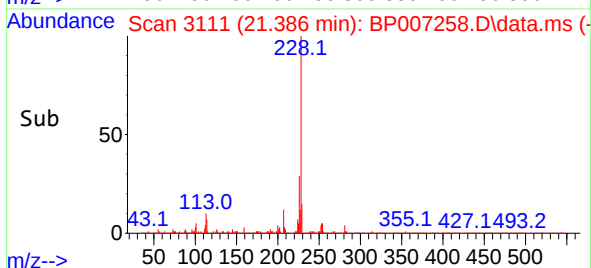
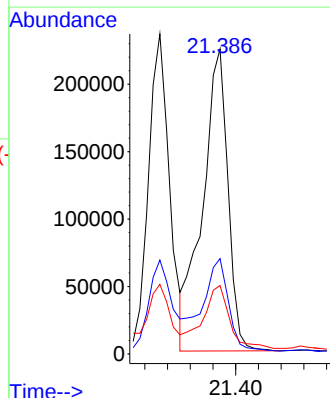
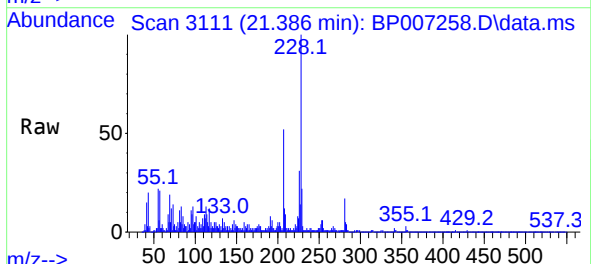
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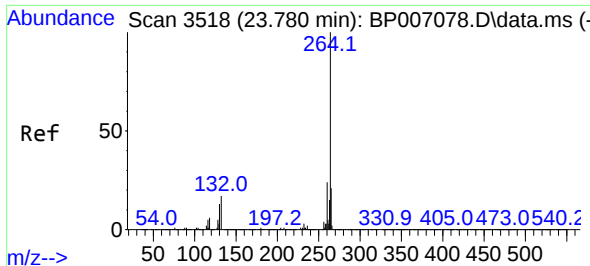
mohammad
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#83
Chrysene
Concen: 4.302 ng
RT: 21.386 min Scan# 3111
Delta R.T. -0.006 min
Lab File: BP007258.D
Acq: 29 Sep 2021 22:09

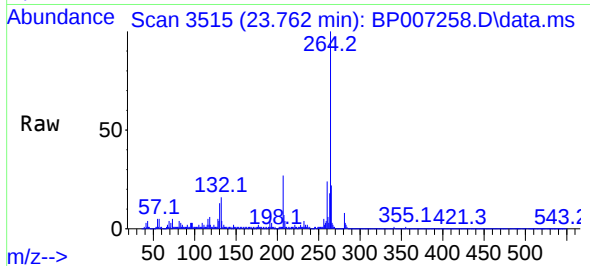
Tgt Ion:228 Resp: 348689
Ion Ratio Lower Upper
228 100
226 31.3 23.8 35.6
229 22.5 15.4 23.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.762 min Scan# 3515
Delta R.T. -0.000 min
Lab File: BP007258.D
Acq: 29 Sep 2021 22:09

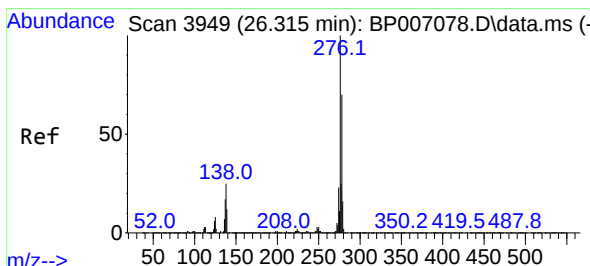
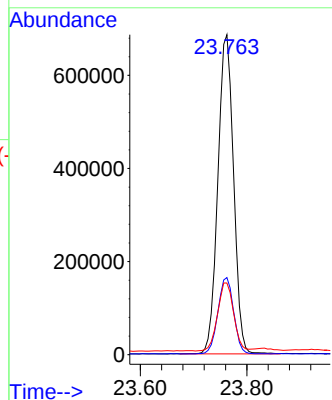
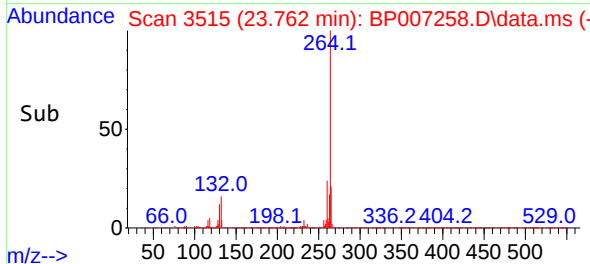
Instrument :
BNA_P
ClientSampleId :
SS02-NA



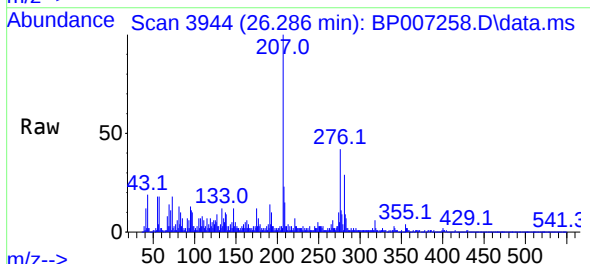
Tgt Ion:264 Resp: 1401538
Ion Ratio Lower Upper
264 100
260 24.1 18.6 28.0
265 22.4 17.6 26.4

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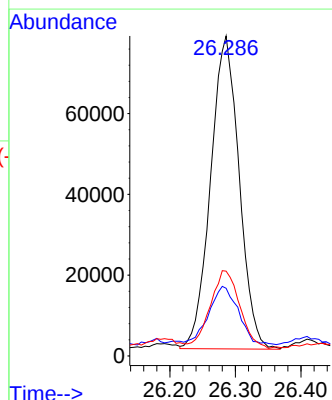
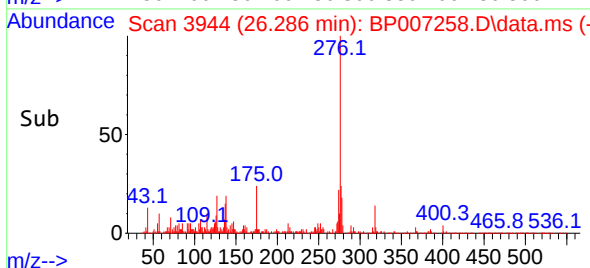
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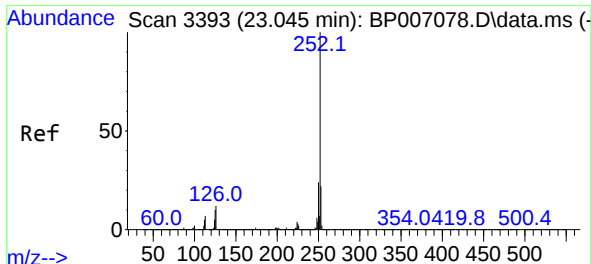


#87
Indeno(1,2,3-cd)pyrene
Concen: 2.325 ng
RT: 26.286 min Scan# 3944
Delta R.T. -0.012 min
Lab File: BP007258.D
Acq: 29 Sep 2021 22:09



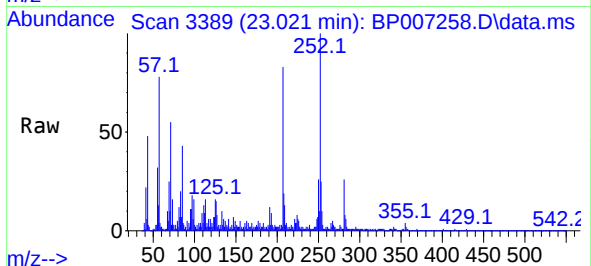
Tgt Ion:276 Resp: 234168
Ion Ratio Lower Upper
276 100
138 19.4 15.3 22.9
277 25.8 20.4 30.6





#88
Benzo(b)fluoranthene
Concen: 6.153 ng
RT: 23.021 min Scan# 3389
Delta R.T. -0.006 min
Lab File: BP007258.D
Acq: 29 Sep 2021 22:09

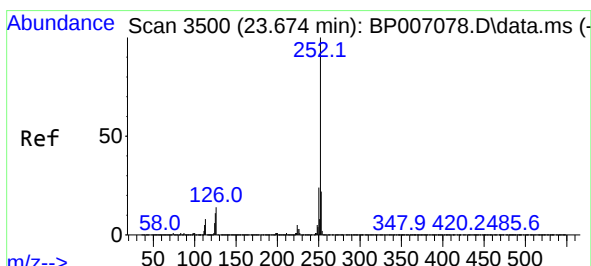
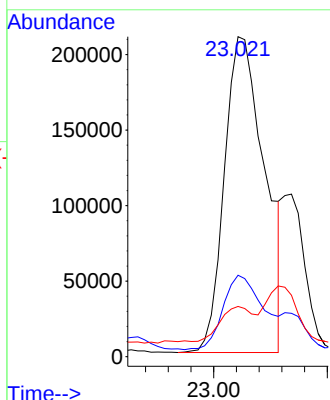
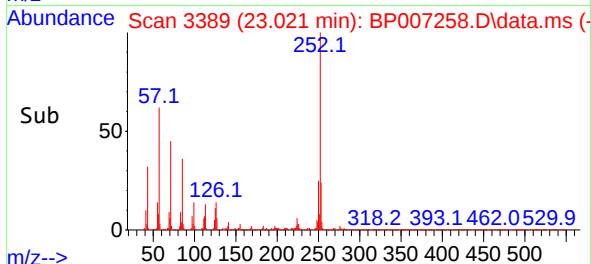
Instrument :
BNA_P
ClientSampleId :
SS02-NA



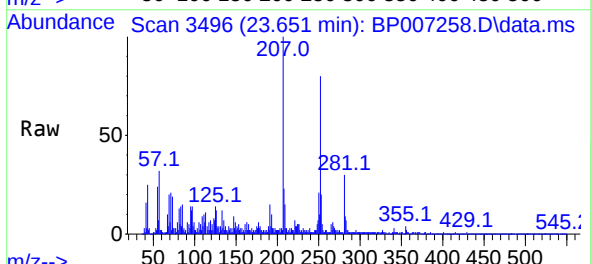
Tgt Ion:252 Resp: 515401
Ion Ratio Lower Upper
252 100
253 25.5 17.5 26.3
125 15.7 6.2 9.4#

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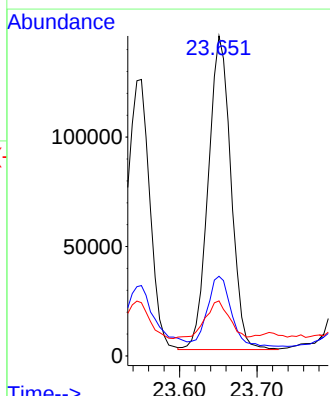
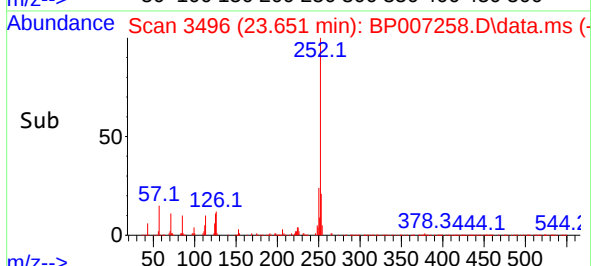
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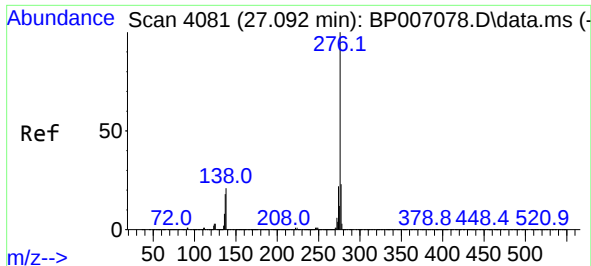


#90
Benzo(a)pyrene
Concen: 4.084 ng
RT: 23.651 min Scan# 3496
Delta R.T. -0.006 min
Lab File: BP007258.D
Acq: 29 Sep 2021 22:09



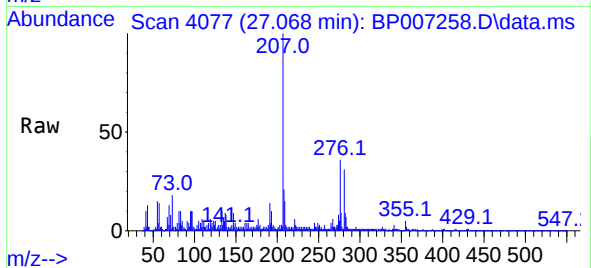
Tgt Ion:252 Resp: 290627
Ion Ratio Lower Upper
252 100
253 24.9 17.9 26.9
125 17.2 6.5 9.7#





#92
Benzo(g,h,i)perylene
Concen: 2.835 ng
RT: 27.068 min Scan# 4077
Delta R.T. -0.000 min
Lab File: BP007258.D
Acq: 29 Sep 2021 22:09

Instrument :
BNA_P
ClientSampleId :
SS02-NA



Tgt Ion: 276 Resp: 233563
Ion Ratio Lower Upper
276 100
277 25.3 18.9 28.3
138 22.5 12.6 18.8#

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