

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092521\
 Data File : BP007197.D
 Acq On : 25 Sep 2021 21:15
 Operator : CG/JU
 Sample : M3907-01 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 RT-3032

Manual Integrations
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Quant Time: Sep 26 02:16:45 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	228075	20.00	ng	-0.01
21) Naphthalene-d8	10.681	136	916112	20.00	ng	#-0.01
39) Acenaphthene-d10	14.510	164	594774	20.00	ng	-0.02
64) Phenanthrene-d10	17.263	188	1248980	20.00	ng	-0.01
76) Chrysene-d12	21.345	240	1179453	20.00	ng	-0.01
86) Perylene-d12	23.751	264	1276104	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.458	112	310285	22.77	ng	0.00
7) Phenol-d6	7.052	99	389188	20.90	ng	-0.01
23) Nitrobenzene-d5	9.040	82	224864	14.29	ng	-0.02
42) 2,4,6-Tribromophenol	16.004	330	182170	23.62	ng	-0.01
45) 2-Fluorobiphenyl	13.134	172	616653	14.85	ng	-0.02
79) Terphenyl-d14	19.816	244	915534	14.87	ng	-0.02
Target Compounds						Qvalue
70) Pentachlorophenol	16.916	266	44380	4.72	ng	98
71) Phenanthrene	17.304	178	211574	3.16	ng	99
75) Fluoranthene	19.269	202	1073108	13.91	ng	97
78) Pyrene	19.622	202	947679	12.25	ng	99
81) Benzo(a)anthracene	21.328	228	433996	5.67	ng	98
83) Chrysene	21.380	228	612355	8.37	ng	96
87) Indeno(1,2,3-cd)pyrene	26.268	276	597693	6.52	ng	99
88) Benzo(b)fluoranthene	23.016	252	1052462	13.80	ng	# 97
89) Benzo(k)fluoranthene	23.063	252	296847m	3.84	ng	
90) Benzo(a)pyrene	23.645	252	586884	9.06	ng	# 95
92) Benzo(g,h,i)perylene	27.045	276	622356	8.30	ng	# 95

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

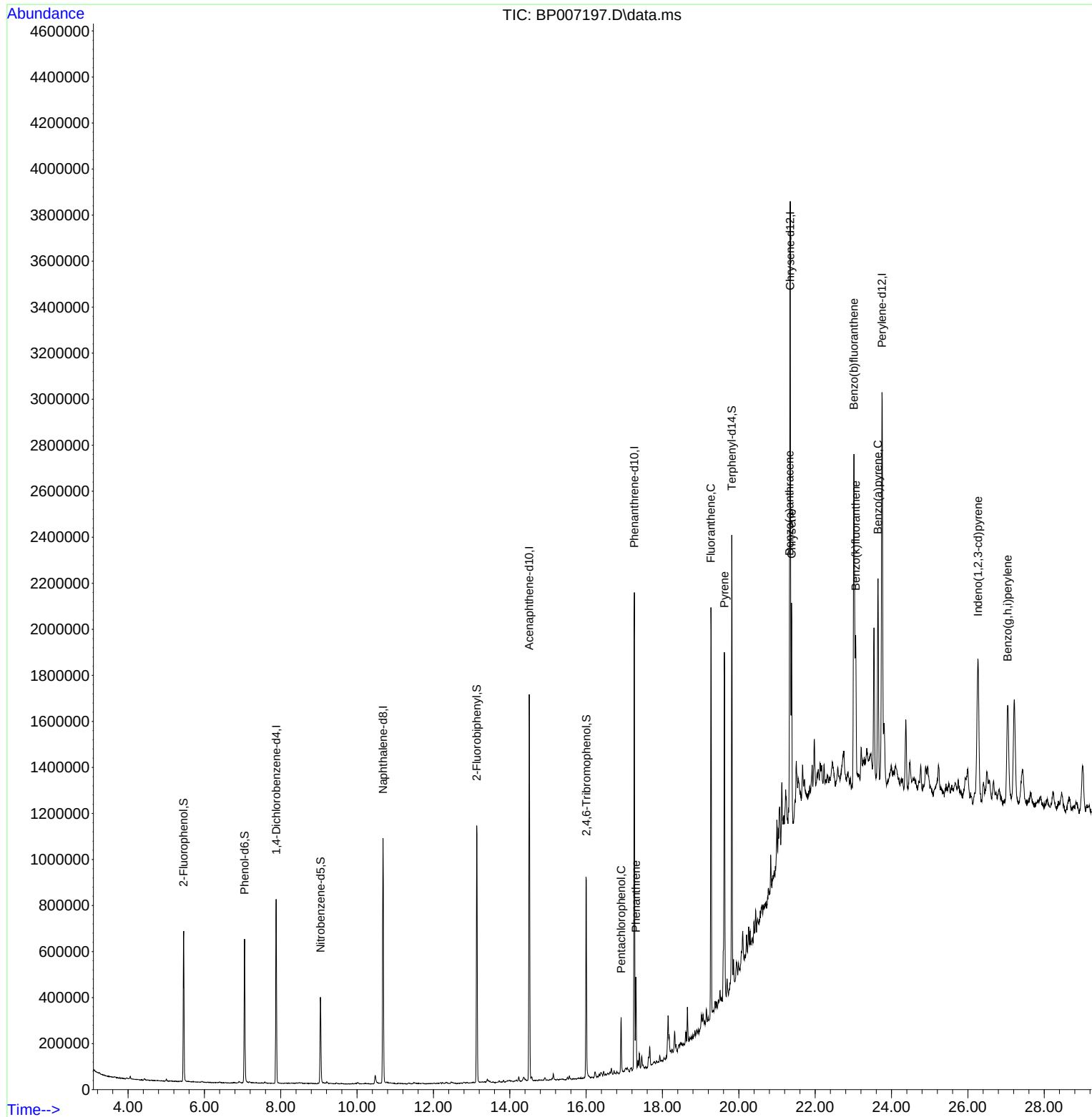
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Data File : BP007197.D
Acq On : 25 Sep 2021 21:15
Operator : CG/JU
Sample : M3907-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

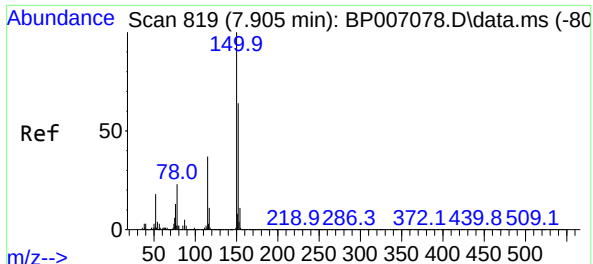
Instrument :
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ClientSampleId :
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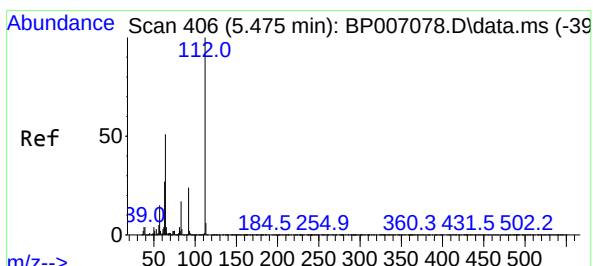
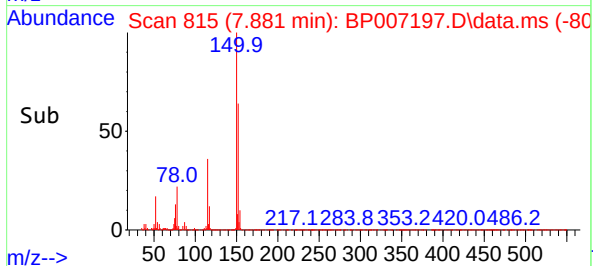
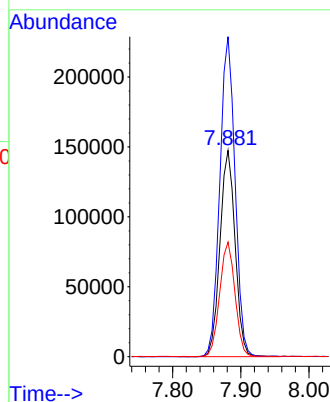
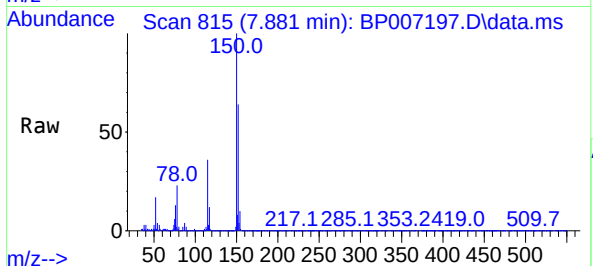
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1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.881 min Scan# 815
Delta R.T. -0.012 min
Lab File: BP007197.D
Acq: 25 Sep 2021 21:15

Tgt Ion:152 Resp: 228075
Ion Ratio Lower Upper
152 100
150 155.1 125.6 188.4
115 55.6 48.5 72.7

Instrument :
BNA_P
ClientSampled :
RT-3032

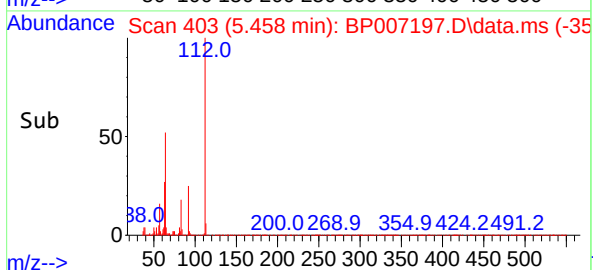
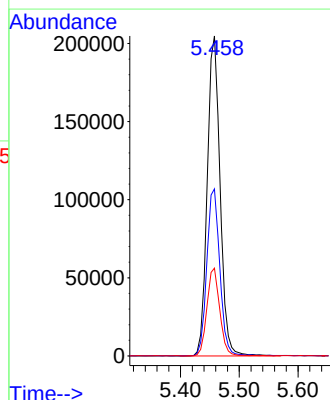
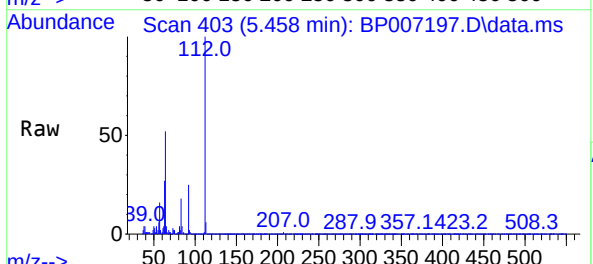
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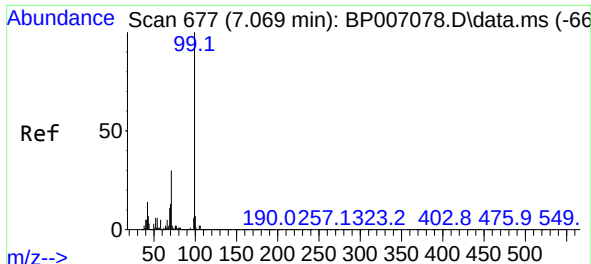
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#5
2-Fluorophenol
Concen: 22.77 ng
RT: 5.458 min Scan# 403
Delta R.T. -0.006 min
Lab File: BP007197.D
Acq: 25 Sep 2021 21:15

Tgt Ion:112 Resp: 310285
Ion Ratio Lower Upper
112 100
64 52.2 41.4 62.2
63 27.5 23.8 35.8





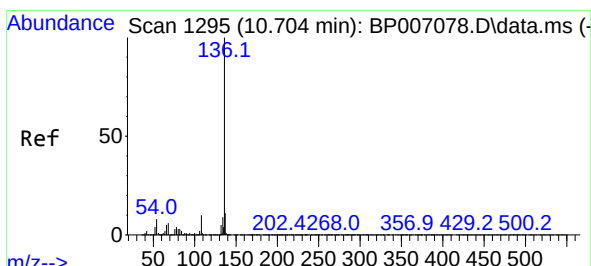
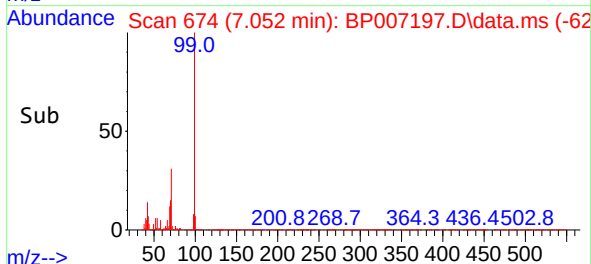
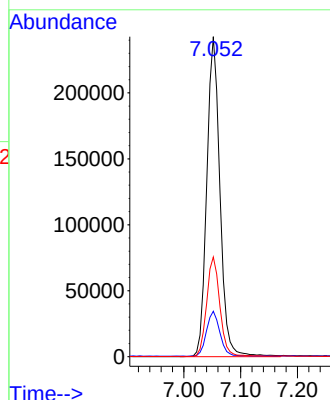
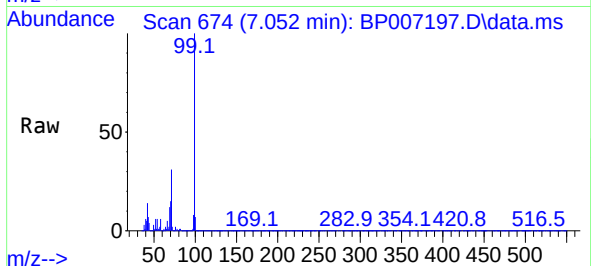
#7
Phenol-d6
Concen: 20.90 ng
RT: 7.052 min Scan# 674
Delta R.T. -0.012 min
Lab File: BP007197.D
Acq: 25 Sep 2021 21:15

Instrument :
BNA_P
ClientSampleId :
RT-3032

Tgt Ion: 99 Resp: 389188
Ion Ratio Lower Upper
99 100
42 14.2 13.4 20.0
71 31.1 30.6 46.0

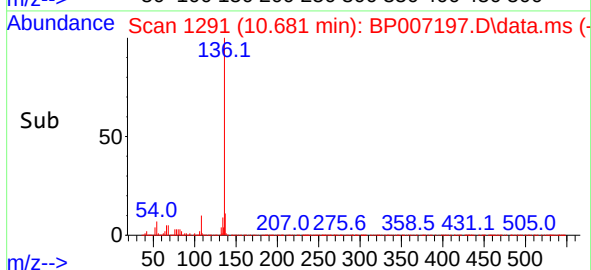
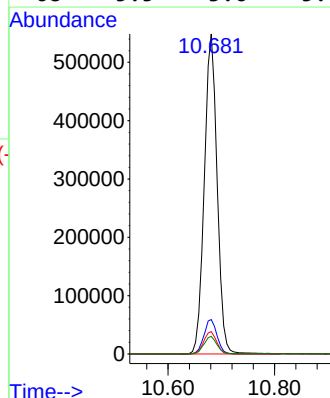
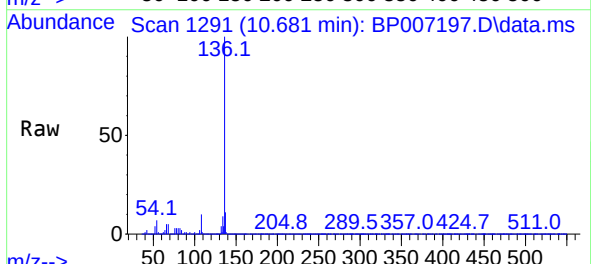
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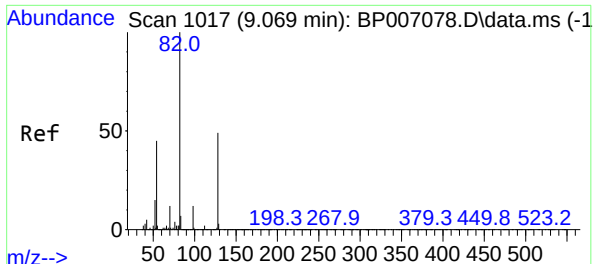
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#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.681 min Scan# 1291
Delta R.T. -0.012 min
Lab File: BP007197.D
Acq: 25 Sep 2021 21:15

Tgt Ion: 136 Resp: 916112
Ion Ratio Lower Upper
136 100
137 10.8 8.6 12.8
54 7.0 4.6 6.8#
68 5.5 3.6 5.4#





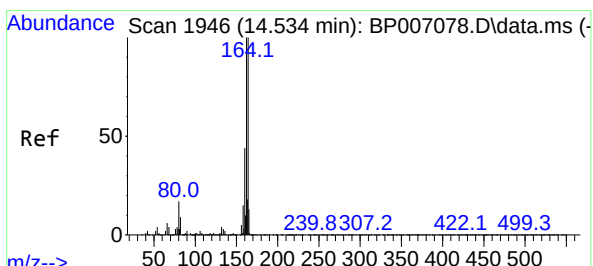
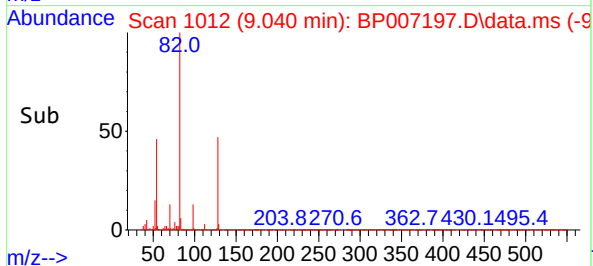
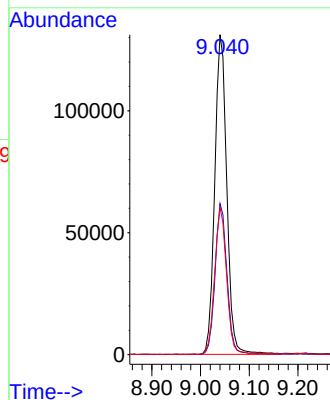
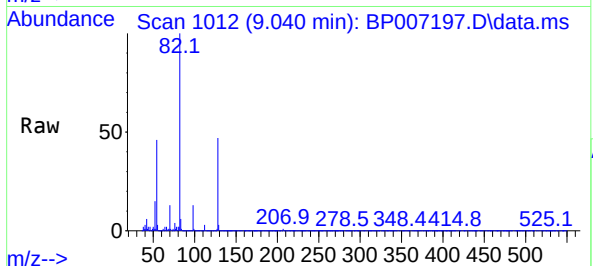
#23
Nitrobenzene-d5
Concen: 14.29 ng
RT: 9.040 min Scan# 1012
Delta R.T. -0.018 min
Lab File: BP007197.D
Acq: 25 Sep 2021 21:15

Tgt Ion: 82 Resp: 224864
Ion Ratio Lower Upper
82 100
128 47.2 35.7 53.5
54 46.0 35.0 52.4

Instrument :
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ClientSampleId :
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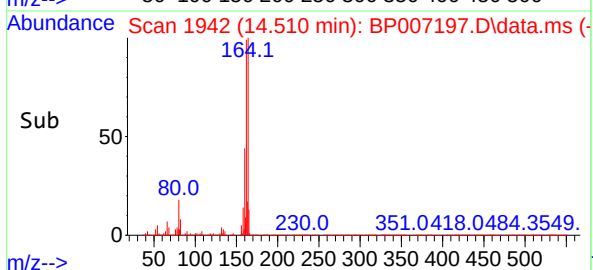
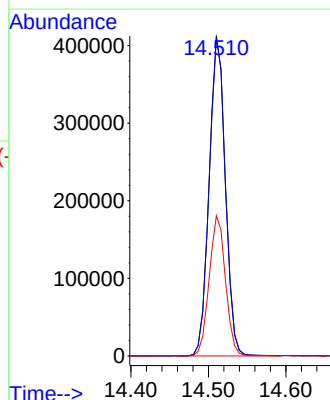
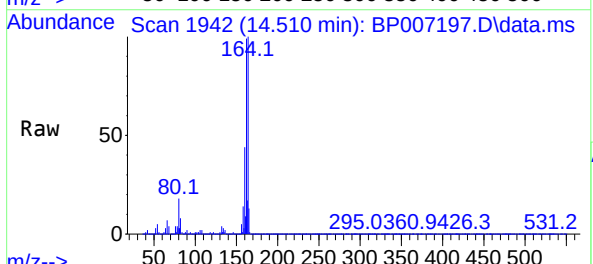
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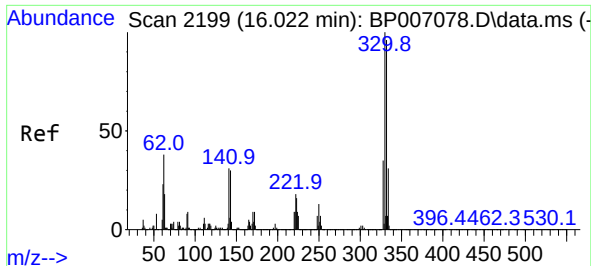
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#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.510 min Scan# 1942
Delta R.T. -0.018 min
Lab File: BP007197.D
Acq: 25 Sep 2021 21:15

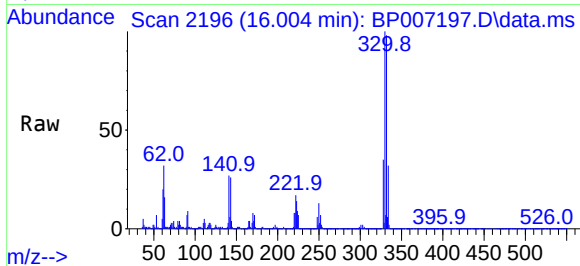
Tgt Ion: 164 Resp: 594774
Ion Ratio Lower Upper
164 100
162 99.3 80.2 120.2
160 43.8 34.5 51.7





#42
2,4,6-Tribromophenol
Concen: 23.62 ng
RT: 16.004 min Scan# 2196
Delta R.T. -0.012 min
Lab File: BP007197.D
Acq: 25 Sep 2021 21:15

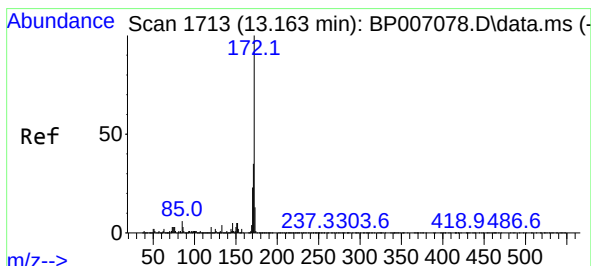
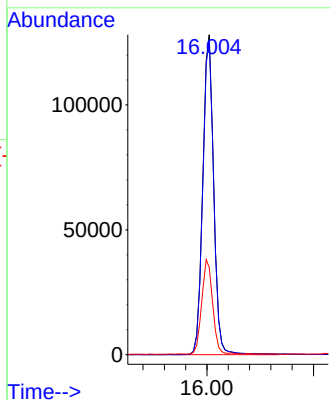
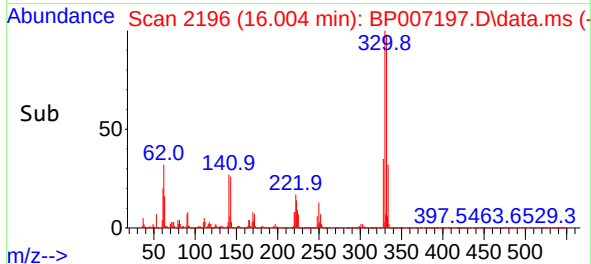
Instrument :
BNA_P
ClientSampled :
RT-3032



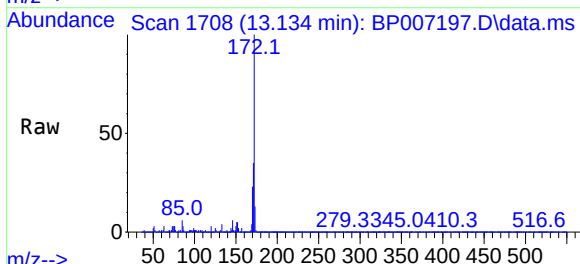
Tgt Ion:330 Resp: 182170
Ion Ratio Lower Upper
330 100
332 98.5 77.8 116.8
141 29.6 25.4 38.2

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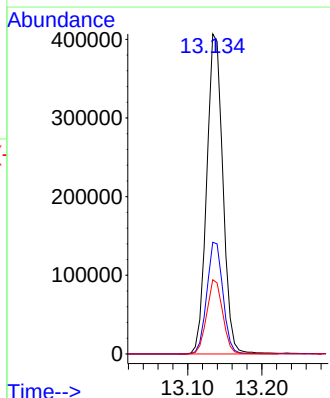
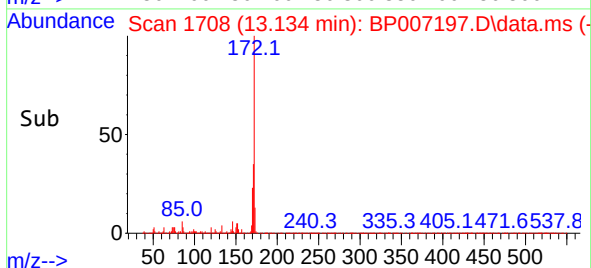
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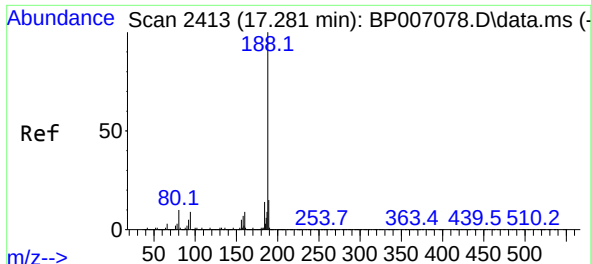


#45
2-Fluorobiphenyl
Concen: 14.85 ng
RT: 13.134 min Scan# 1708
Delta R.T. -0.018 min
Lab File: BP007197.D
Acq: 25 Sep 2021 21:15



Tgt Ion:172 Resp: 616653
Ion Ratio Lower Upper
172 100
171 34.9 27.9 41.9
170 23.2 18.6 27.8





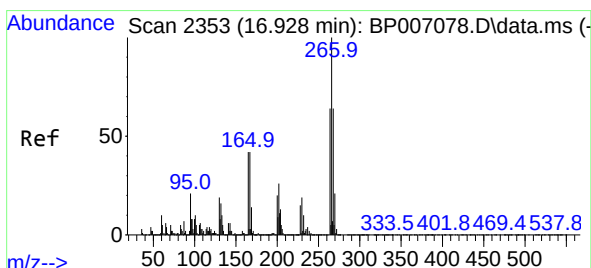
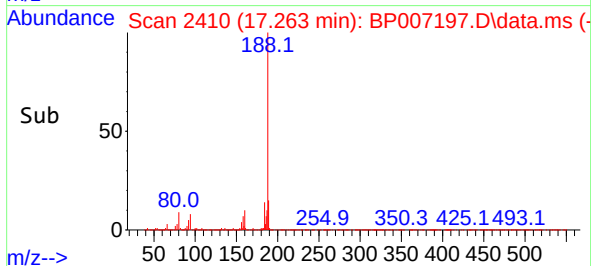
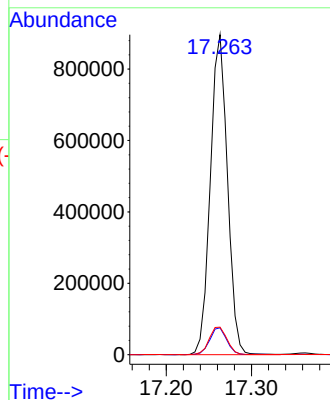
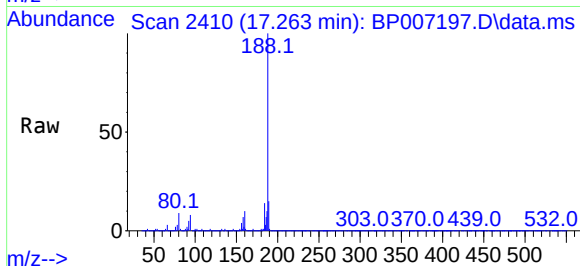
#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.263 min Scan# 2410
Delta R.T. -0.012 min
Lab File: BP007197.D
Acq: 25 Sep 2021 21:15

Tgt Ion:188 Resp: 1248980
Ion Ratio Lower Upper
188 100
94 8.4 5.6 8.4
80 8.6 6.3 9.5

Instrument :
BNA_P
ClientSampled :
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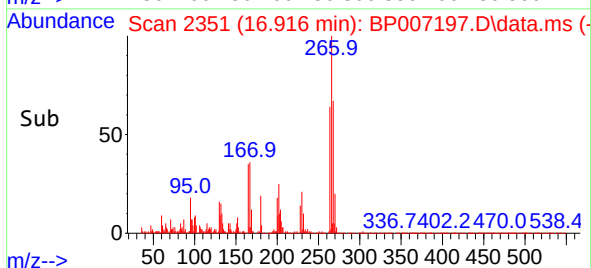
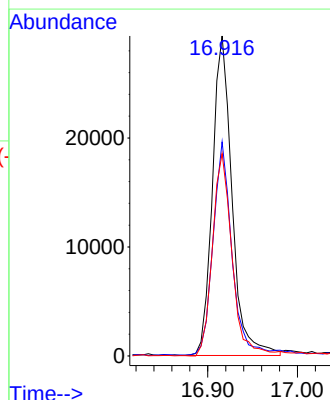
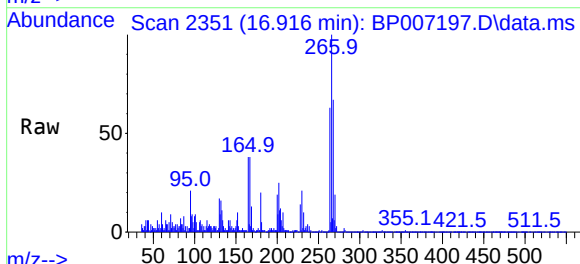
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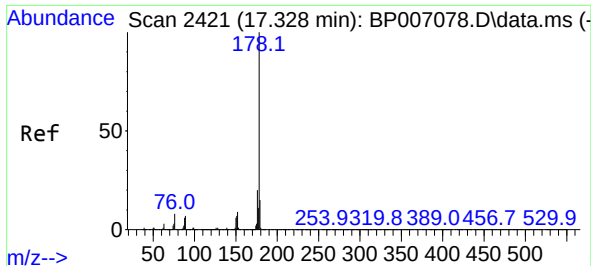
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#70
Pentachlorophenol
Concen: 4.72 ng
RT: 16.916 min Scan# 2351
Delta R.T. -0.006 min
Lab File: BP007197.D
Acq: 25 Sep 2021 21:15

Tgt Ion:266 Resp: 44380
Ion Ratio Lower Upper
266 100
268 66.9 51.6 77.4
264 63.2 50.3 75.5





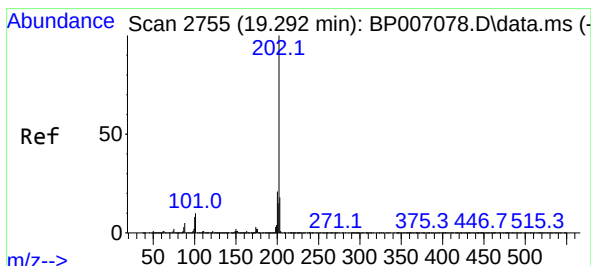
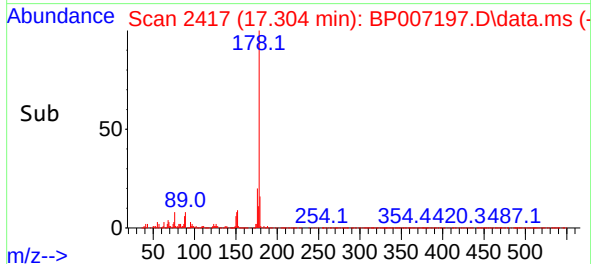
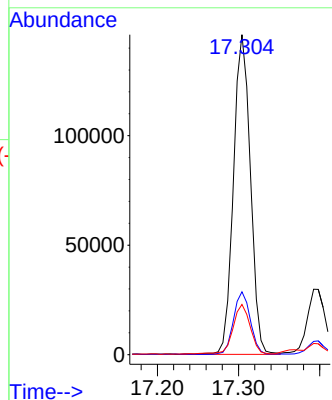
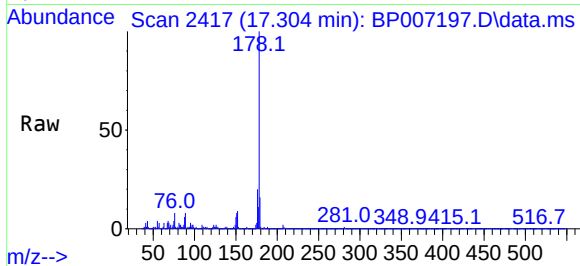
#71
Phenanthrene
Concen: 3.16 ng
RT: 17.304 min Scan# 2417
Delta R.T. -0.012 min
Lab File: BP007197.D
Acq: 25 Sep 2021 21:15

Tgt Ion:178 Resp: 211574
Ion Ratio Lower Upper
178 100
176 19.7 15.1 22.7
179 15.7 12.4 18.6

Instrument :
BNA_P
ClientSampleId :
RT-3032

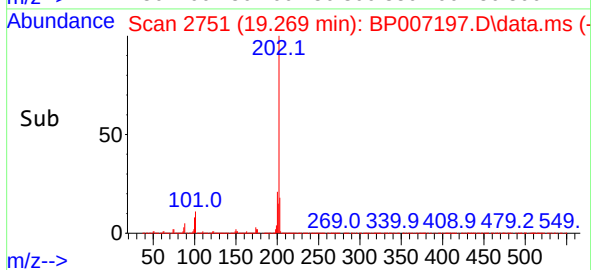
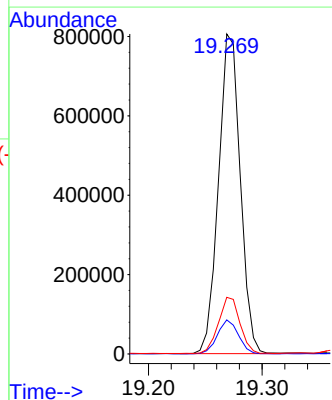
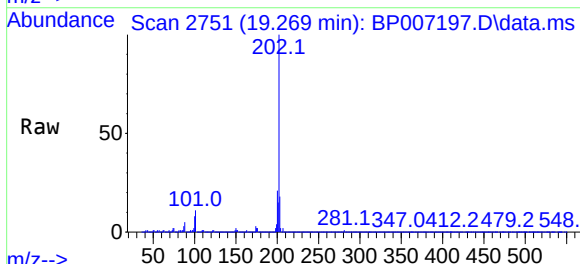
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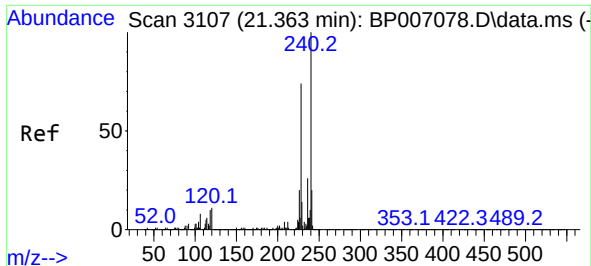
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#75
Fluoranthene
Concen: 13.91 ng
RT: 19.269 min Scan# 2751
Delta R.T. -0.012 min
Lab File: BP007197.D
Acq: 25 Sep 2021 21:15

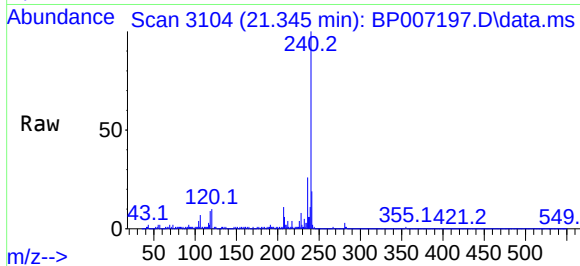
Tgt Ion:202 Resp: 1073108
Ion Ratio Lower Upper
202 100
101 10.7 0.0 27.6
203 17.7 0.0 37.8





#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.345 min Scan# 3104
Delta R.T. -0.012 min
Lab File: BP007197.D
Acq: 25 Sep 2021 21:15

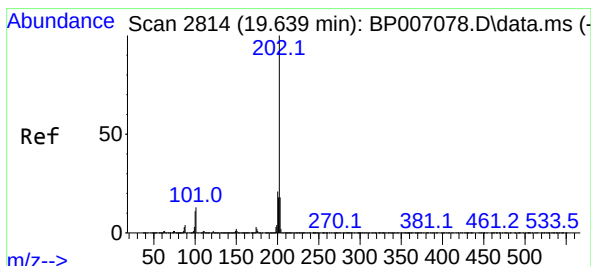
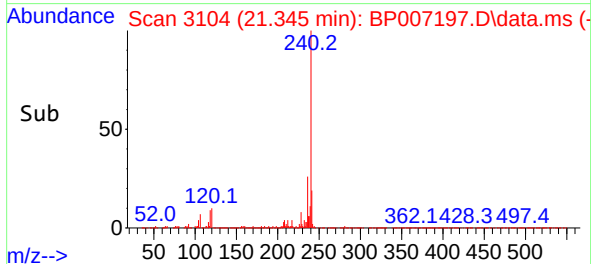
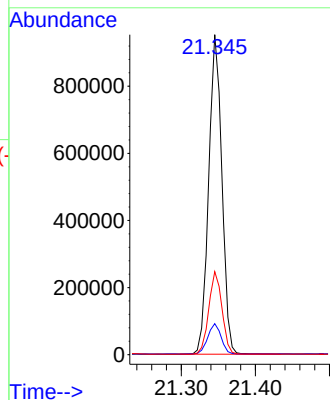
Instrument :
BNA_P
ClientSampleId :
RT-3032



Tgt Ion:240 Resp: 1179453
Ion Ratio Lower Upper
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120 9.7 6.5 9.7
236 26.0 20.6 31.0

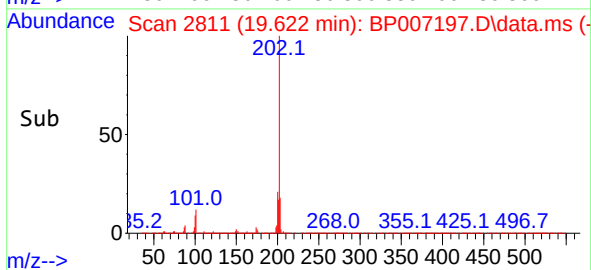
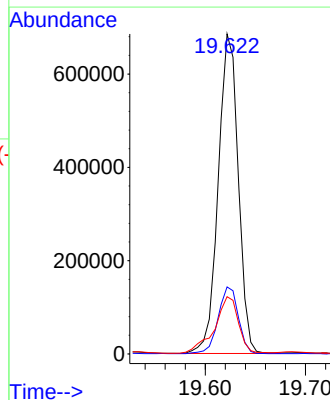
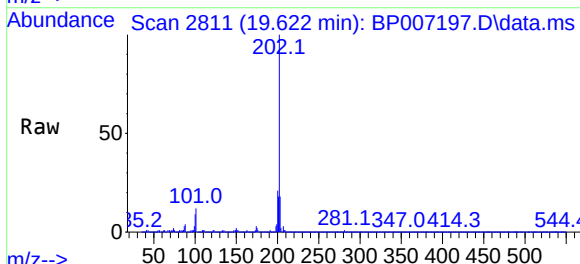
Manual Integrations
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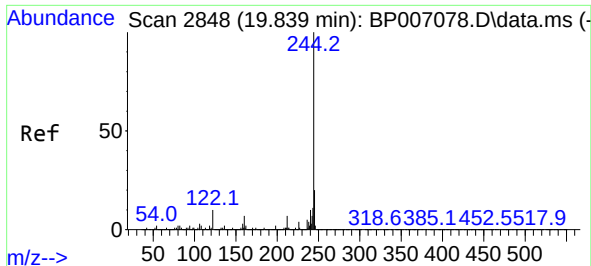
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#78
Pyrene
Concen: 12.25 ng
RT: 19.622 min Scan# 2811
Delta R.T. -0.012 min
Lab File: BP007197.D
Acq: 25 Sep 2021 21:15

Tgt Ion:202 Resp: 947679
Ion Ratio Lower Upper
202 100
200 20.9 16.3 24.5
203 17.9 14.2 21.2





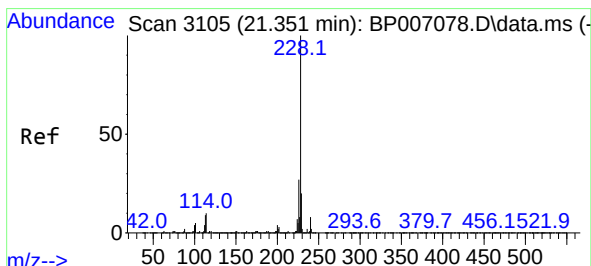
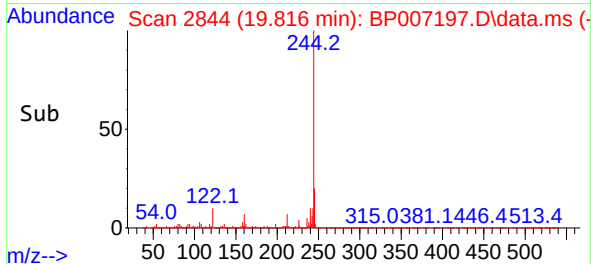
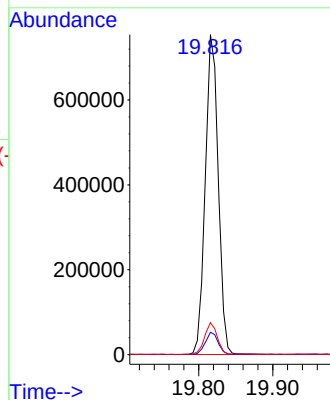
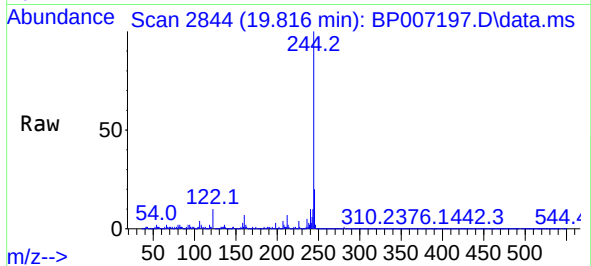
#79
Terphenyl-d14
Concen: 14.87 ng
RT: 19.816 min Scan# 2844
Delta R.T. -0.018 min
Lab File: BP007197.D
Acq: 25 Sep 2021 21:15

Tgt Ion:244 Resp: 915534
Ion Ratio Lower Upper
244 100
212 7.0 6.0 9.0
122 10.0 7.1 10.7

Instrument :
BNA_P
ClientSampled :
RT-3032

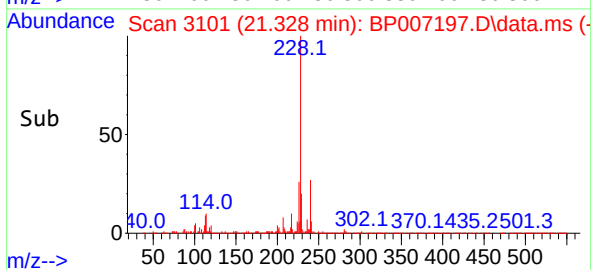
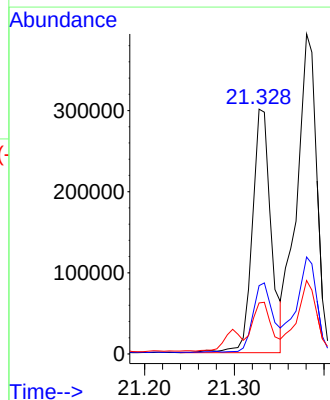
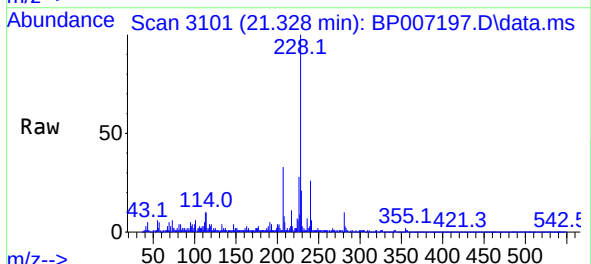
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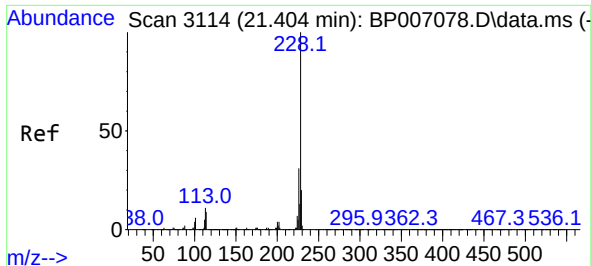
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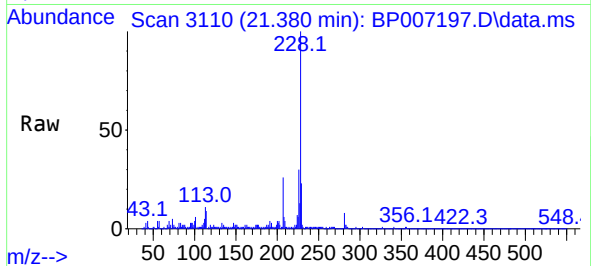
#81
Benzo(a)anthracene
Concen: 5.67 ng
RT: 21.328 min Scan# 3101
Delta R.T. -0.018 min
Lab File: BP007197.D
Acq: 25 Sep 2021 21:15

Tgt Ion:228 Resp: 433996
Ion Ratio Lower Upper
228 100
226 27.9 21.6 32.4
229 20.9 15.8 23.6

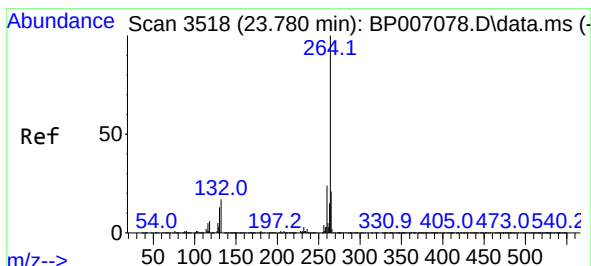
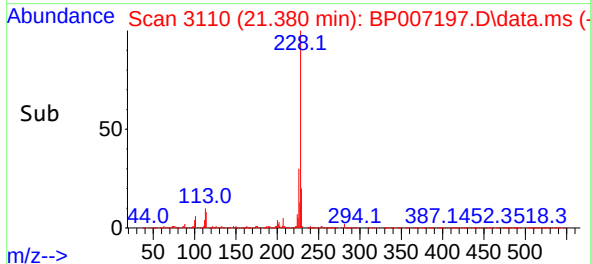
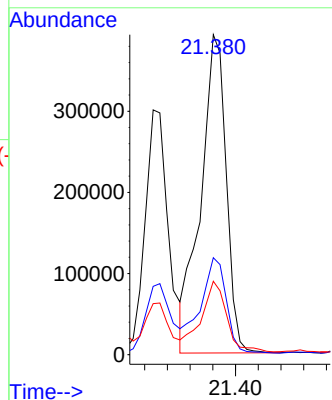




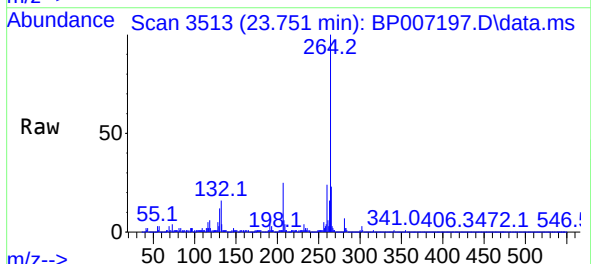
#83
Chrysene
Concen: 8.37 ng
RT: 21.380 min Scan# 3110
Delta R.T. -0.018 min
Lab File: BP007197.D
Acq: 25 Sep 2021 21:15



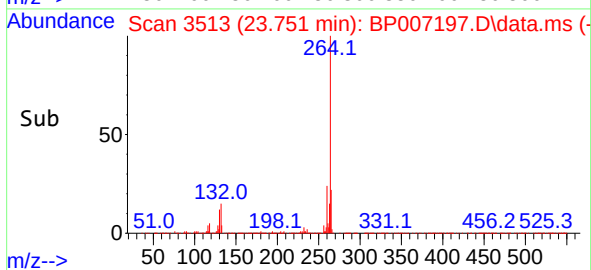
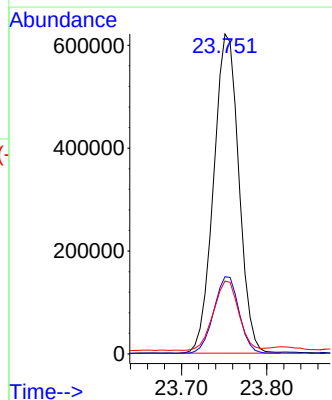
Tgt Ion: 228 Resp: 612355
Ion Ratio Lower Upper
228 100
226 30.3 23.8 35.6
229 22.9 15.4 23.2



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.751 min Scan# 3513
Delta R.T. -0.018 min
Lab File: BP007197.D
Acq: 25 Sep 2021 21:15



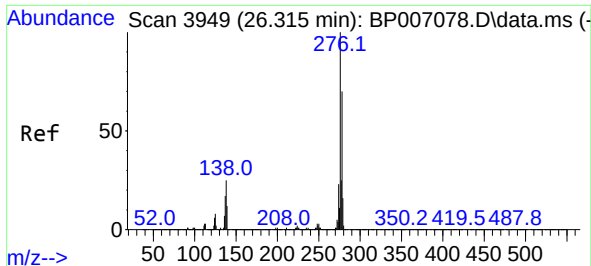
Tgt Ion: 264 Resp: 1276104
Ion Ratio Lower Upper
264 100
260 24.1 18.6 28.0
265 22.8 17.6 26.4



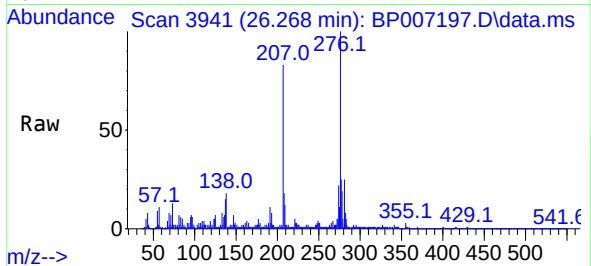
Instrument :
BNA_P
ClientSampleId :
RT-3032

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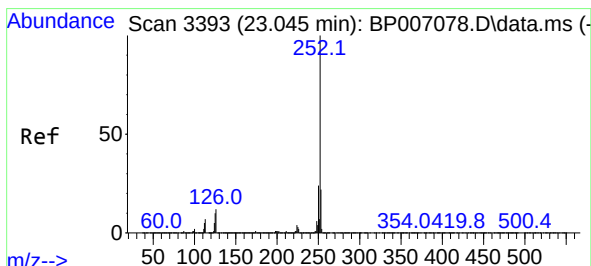
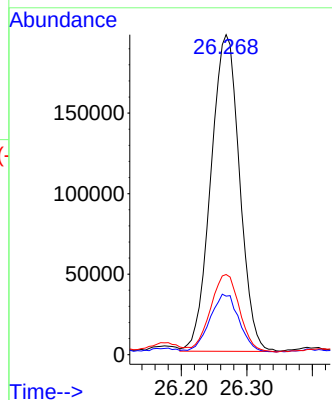
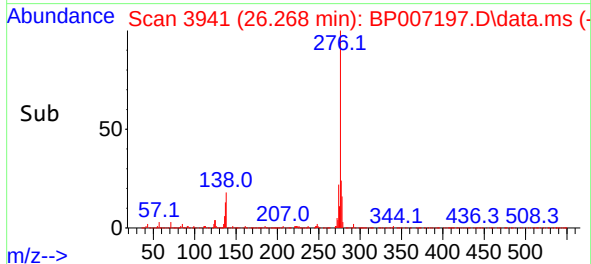
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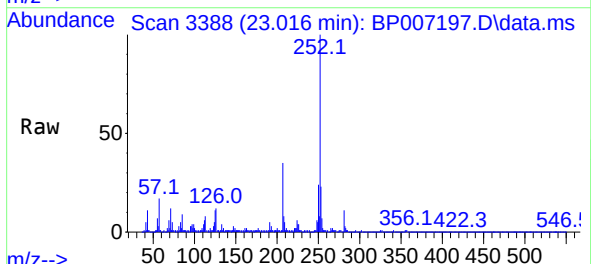
#87
Indeno(1,2,3-cd)pyrene
Concen: 6.52 ng
RT: 26.268 min Scan# 3941
Delta R.T. -0.035 min
Lab File: BP007197.D
Acq: 25 Sep 2021 21:15



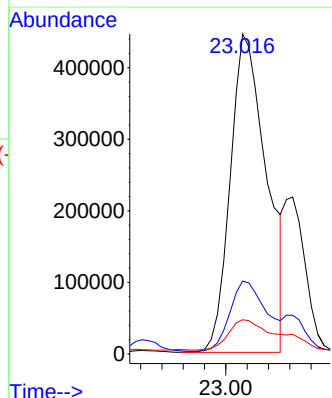
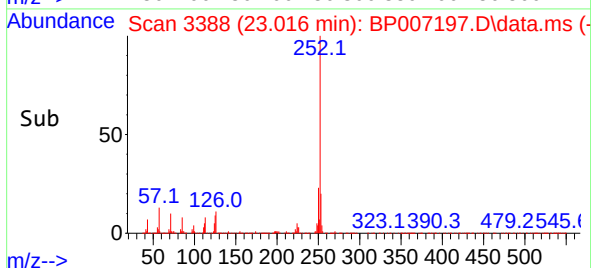
Tgt Ion: 276 Resp: 597693
Ion Ratio Lower Upper
276 100
138 18.6 15.3 22.9
277 24.8 20.4 30.6



#88
Benzo(b)fluoranthene
Concen: 13.80 ng
RT: 23.016 min Scan# 3388
Delta R.T. -0.018 min
Lab File: BP007197.D
Acq: 25 Sep 2021 21:15



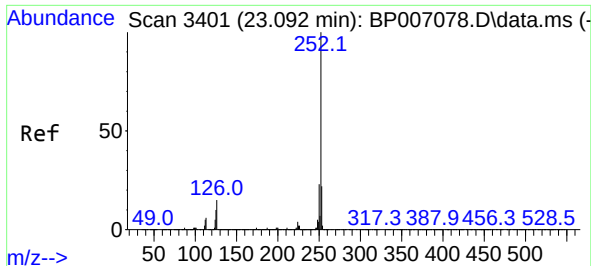
Tgt Ion: 252 Resp: 1052462
Ion Ratio Lower Upper
252 100
253 22.7 17.5 26.3
125 10.7 6.2 9.4#



Instrument :
BNA_P
ClientSampled :
RT-3032

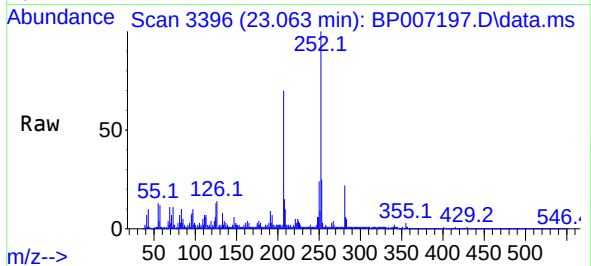
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#89
Benzo(k)fluoranthene
Concen: 3.84 ng m
RT: 23.063 min Scan# 3396
Delta R.T. -0.023 min
Lab File: BP007197.D
Acq: 25 Sep 2021 21:15

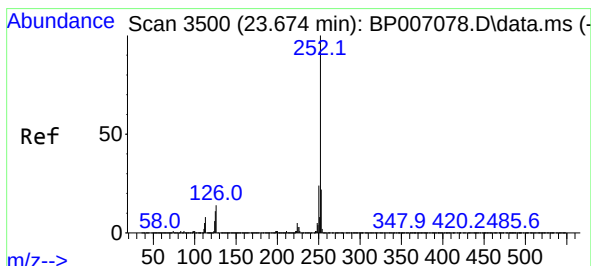
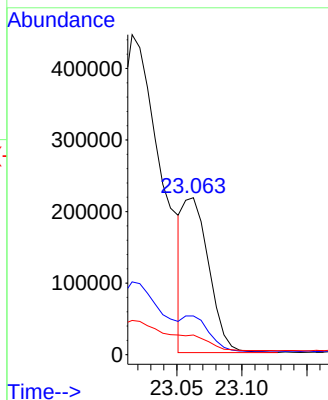
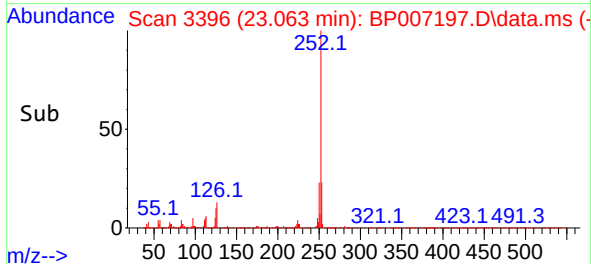
Instrument :
BNA_P
ClientSampleId :
RT-3032



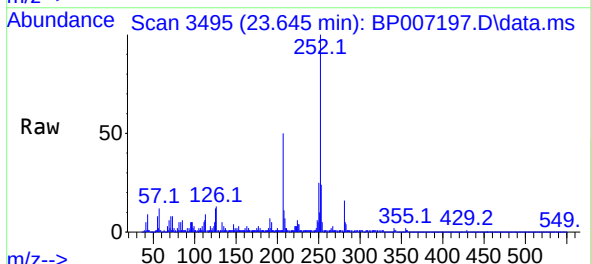
Tgt Ion:252 Resp: 296847
Ion Ratio Lower Upper
252 100
253 24.7 17.6 26.4
125 12.5 6.0 9.0#

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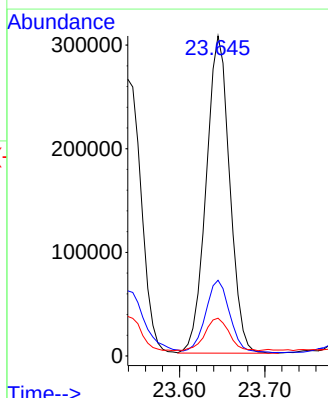
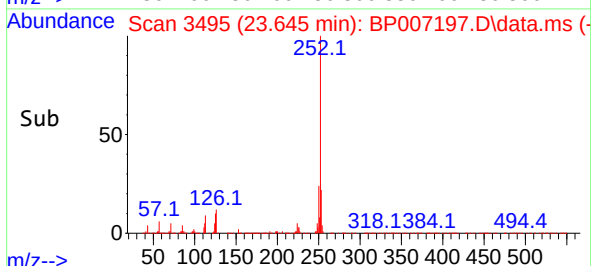
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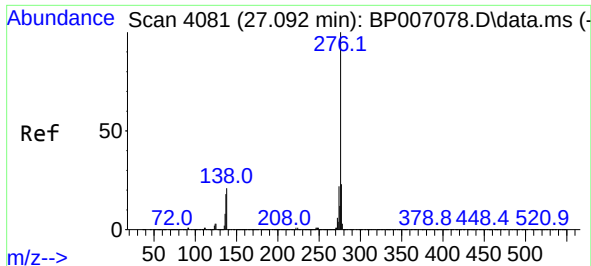


#90
Benzo(a)pyrene
Concen: 9.06 ng
RT: 23.645 min Scan# 3495
Delta R.T. -0.023 min
Lab File: BP007197.D
Acq: 25 Sep 2021 21:15



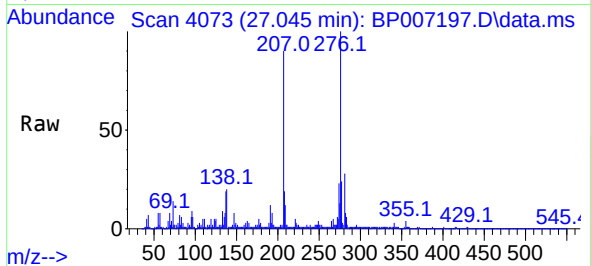
Tgt Ion:252 Resp: 586884
Ion Ratio Lower Upper
252 100
253 23.6 17.9 26.9
125 11.8 6.5 9.7#





#92
Benzo(g,h,i)perylene
Concen: 8.30 ng
RT: 27.045 min Scan# 4073
Delta R.T. -0.029 min
Lab File: BP007197.D
Acq: 25 Sep 2021 21:15

Instrument :
BNA_P
ClientSampleId :
RT-3032



Tgt Ion: 276 Resp: 622356
Ion Ratio Lower Upper
276 100
277 24.3 18.9 28.3
138 19.8 12.6 18.8#

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