

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092521\
 Data File : BP007200.D
 Acq On : 25 Sep 2021 22:57
 Operator : CG/JU
 Sample : M3917-10DL 2X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-9DL

Manual Integrations
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Quant Time: Sep 26 02:17:34 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	199975	20.00	ng	-0.01
21) Naphthalene-d8	10.681	136	788502	20.00	ng	#-0.01
39) Acenaphthene-d10	14.510	164	505298	20.00	ng	-0.02
64) Phenanthrene-d10	17.263	188	1100388	20.00	ng	-0.01
76) Chrysene-d12	21.351	240	1065140	20.00	ng	0.00
86) Perylene-d12	23.757	264	1167392	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.458	112	460684	38.56	ng	0.00
7) Phenol-d6	7.052	99	599559	36.72	ng	-0.01
23) Nitrobenzene-d5	9.040	82	347852	25.69	ng	-0.02
42) 2,4,6-Tribromophenol	16.004	330	297911	45.48	ng	-0.01
45) 2-Fluorobiphenyl	13.134	172	879263	24.93	ng	-0.02
79) Terphenyl-d14	19.822	244	1338621	24.08	ng	-0.01
Target Compounds						Qvalue
31) Naphthalene	10.728	128	216361	5.38	ng	100
37) 2-Methylnaphthalene	12.340	142	82204	2.92	ng	95
38) 1-Methylnaphthalene	12.557	142	67407	2.45	ng	97
49) Acenaphthylene	14.234	152	164425	3.67	ng	98
52) Acenaphthene	14.575	154	205150	7.55	ng	99
55) Dibenzofuran	14.910	168	211298	4.66	ng	94
58) Fluorene	15.557	166	346361	9.89	ng	100
71) Phenanthrene	17.310	178	3221845	54.61	ng	99
72) Anthracene	17.398	178	988502	17.13	ng	100
73) Carbazole	17.669	167	317470	5.61	ng	98
75) Fluoranthene	19.275	202	3737962	54.99	ng	98
78) Pyrene	19.627	202	3297301	47.18	ng	99
81) Benzo(a)anthracene	21.333	228	1721261	24.90	ng	97
83) Chrysene	21.386	228	1400853	21.20	ng	97
87) Indeno(1,2,3-cd)pyrene	26.274	276	869446	10.36	ng	100
88) Benzo(b)fluoranthene	23.021	252	1836201	26.32	ng	# 97
89) Benzo(k)fluoranthene	23.063	252	555236m	7.86	ng	
90) Benzo(a)pyrene	23.651	252	1433053	24.18	ng	# 98
91) Dibenzo(a,h)anthracene	26.286	278	237014	3.37	ng	# 90
92) Benzo(g,h,i)perylene	27.051	276	837516	12.21	ng	# 95

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

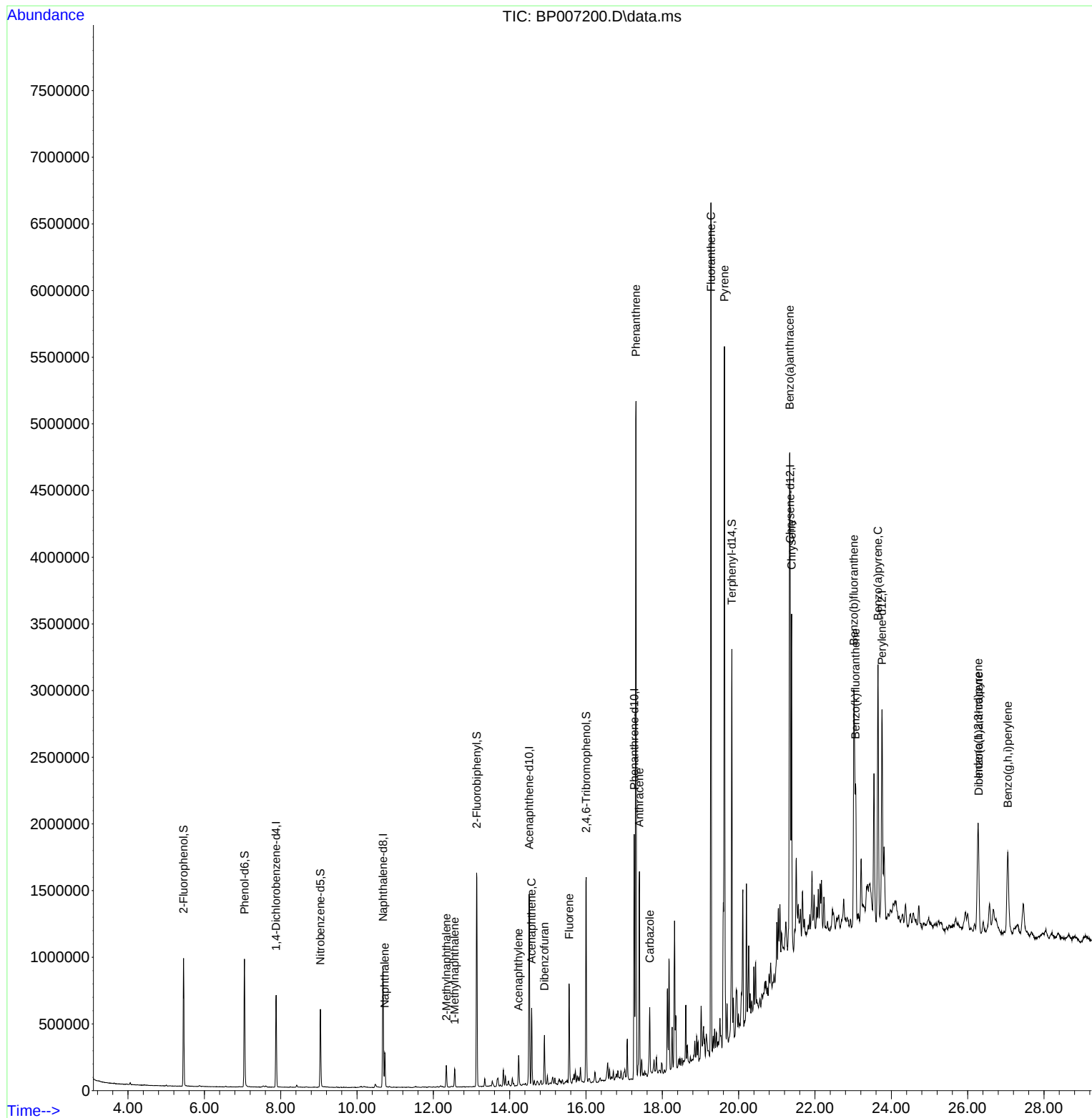
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092521\
Data File : BP007200.D
Acq On : 25 Sep 2021 22:57
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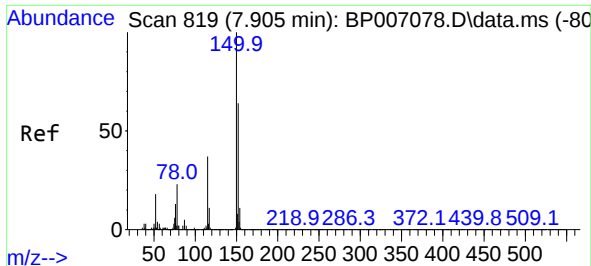
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Quant Time: Sep 26 02:17:34 2021
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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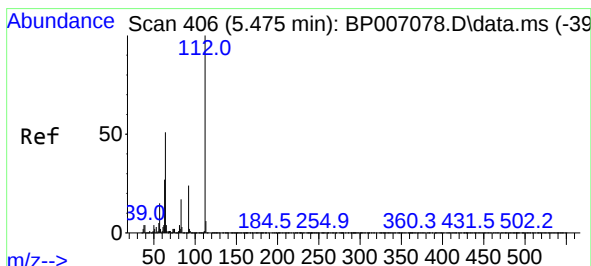
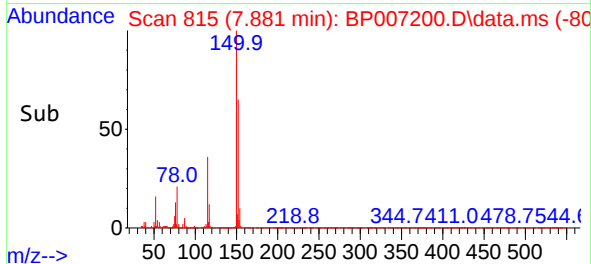
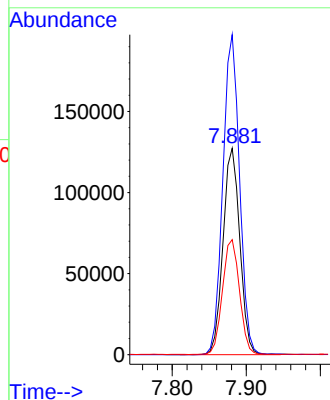
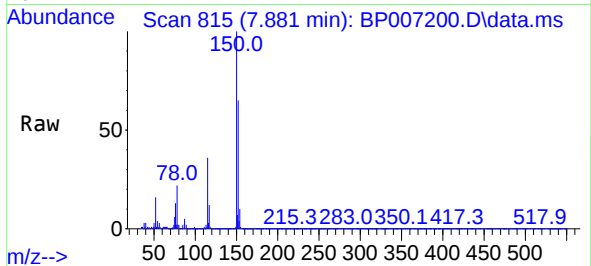
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.881 min Scan# 815
Delta R.T. -0.012 min
Lab File: BP007200.D
Acq: 25 Sep 2021 22:57

Tgt Ion:152 Resp: 199975
Ion Ratio Lower Upper
152 100
150 155.0 125.6 188.4
115 55.7 48.5 72.7

Instrument :
BNA_P
ClientSampleId :
TP-9DL

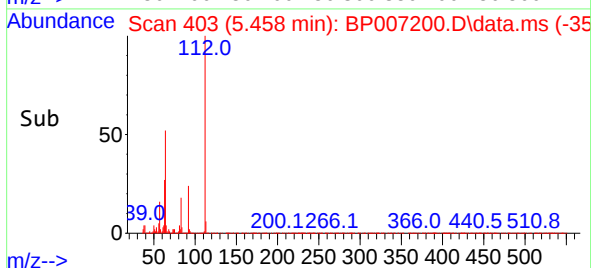
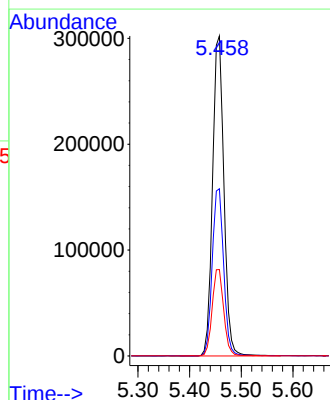
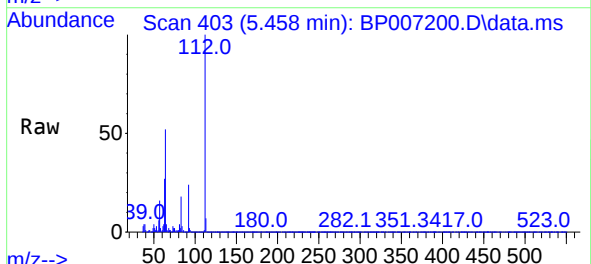
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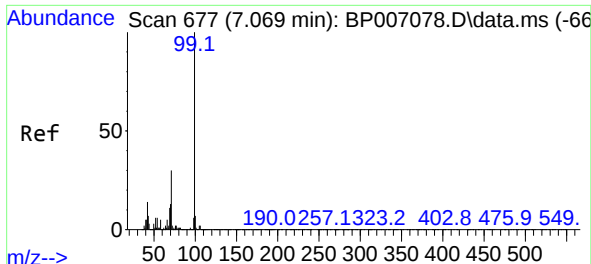
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#5
2-Fluorophenol
Concen: 38.56 ng
RT: 5.458 min Scan# 403
Delta R.T. -0.006 min
Lab File: BP007200.D
Acq: 25 Sep 2021 22:57

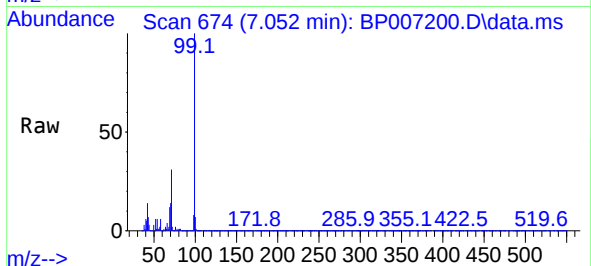
Tgt Ion:112 Resp: 460684
Ion Ratio Lower Upper
112 100
64 52.3 41.4 62.2
63 27.0 23.8 35.8





#7
Phenol-d6
Concen: 36.72 ng
RT: 7.052 min Scan# 674
Delta R.T. -0.012 min
Lab File: BP007200.D
Acq: 25 Sep 2021 22:57

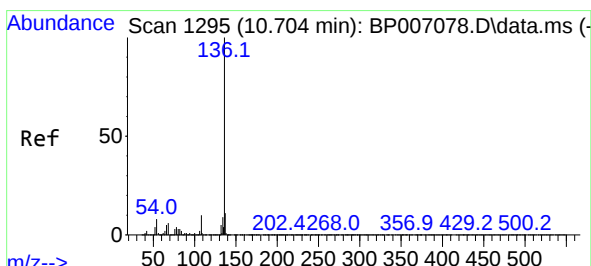
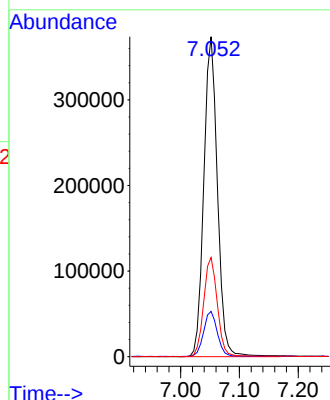
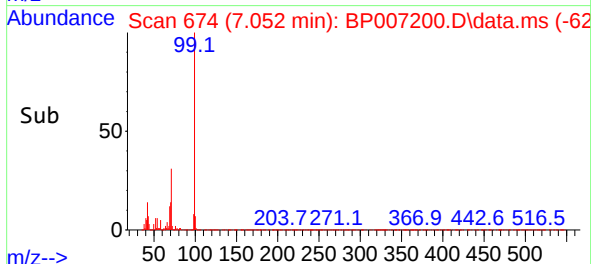
Instrument :
BNA_P
ClientSampled :
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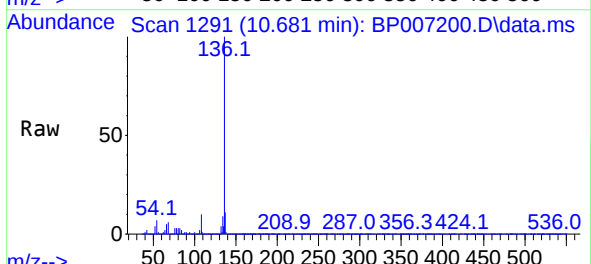
Tgt Ion: 99 Resp: 599559
Ion Ratio Lower Upper
99 100
42 14.2 13.4 20.0
71 31.0 30.6 46.0

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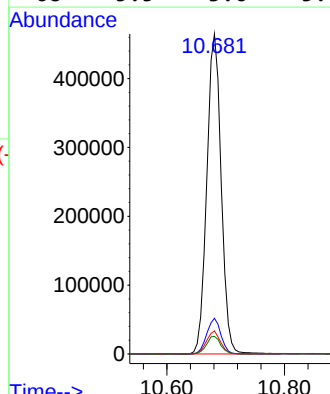
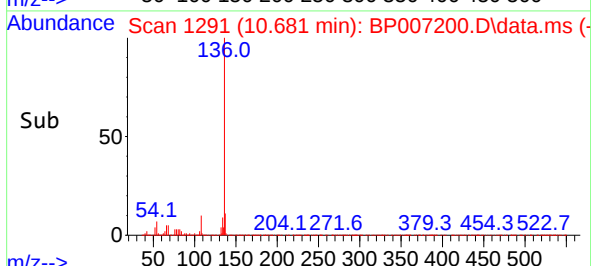
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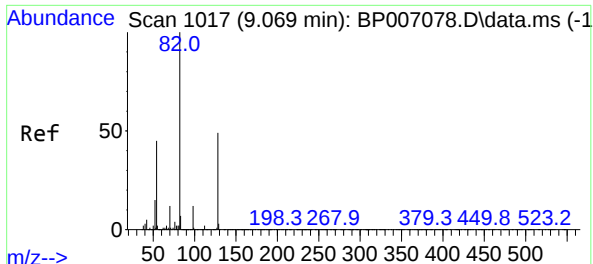


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.681 min Scan# 1291
Delta R.T. -0.012 min
Lab File: BP007200.D
Acq: 25 Sep 2021 22:57



Tgt Ion: 136 Resp: 788502
Ion Ratio Lower Upper
136 100
137 11.1 8.6 12.8
54 7.2 4.6 6.8#
68 5.5 3.6 5.4#





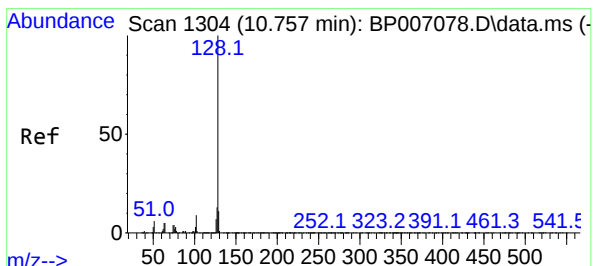
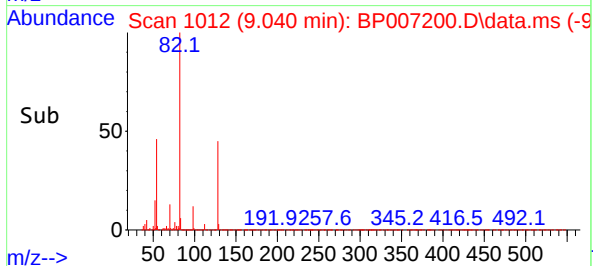
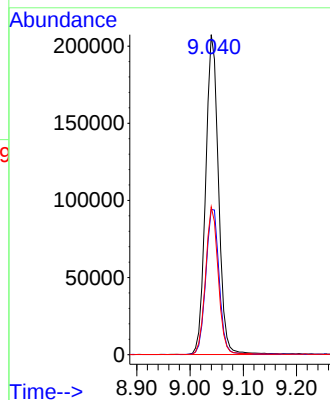
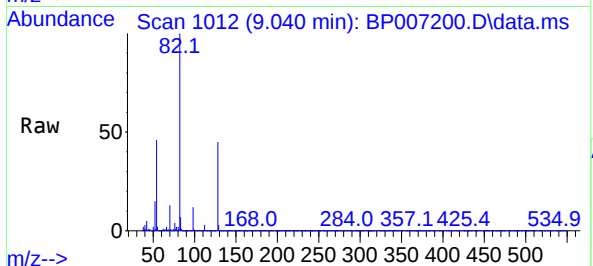
#23
Nitrobenzene-d5
Concen: 25.69 ng
RT: 9.040 min Scan# 1012
Delta R.T. -0.018 min
Lab File: BP007200.D
Acq: 25 Sep 2021 22:57

Tgt Ion: 82 Resp: 347852
Ion Ratio Lower Upper
82 100
128 45.4 35.7 53.5
54 46.2 35.0 52.4

Instrument :
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ClientSampled :
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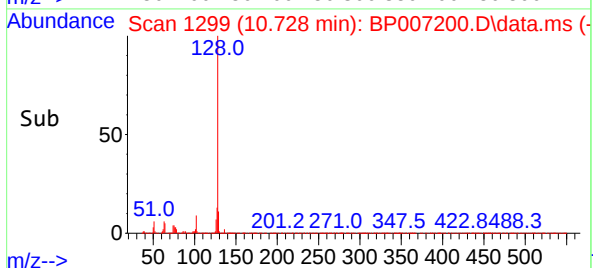
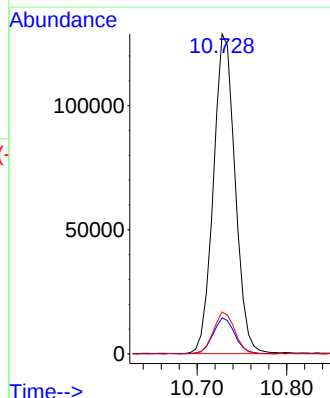
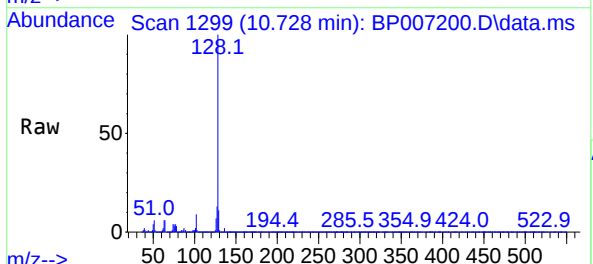
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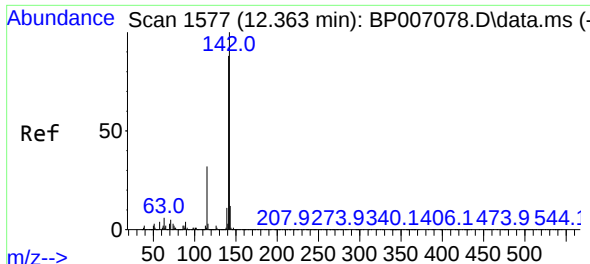
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#31
Naphthalene
Concen: 5.38 ng
RT: 10.728 min Scan# 1299
Delta R.T. -0.018 min
Lab File: BP007200.D
Acq: 25 Sep 2021 22:57

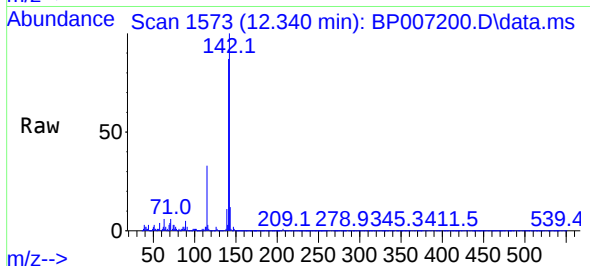
Tgt Ion: 128 Resp: 216361
Ion Ratio Lower Upper
128 100
129 11.3 9.0 13.6
127 13.2 10.7 16.1





#37
2-Methylnaphthalene
Concen: 2.92 ng
RT: 12.340 min Scan# 1573
Delta R.T. -0.012 min
Lab File: BP007200.D
Acq: 25 Sep 2021 22:57

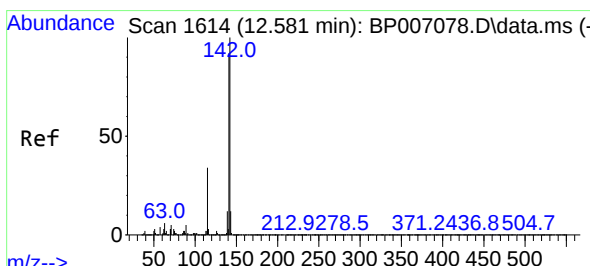
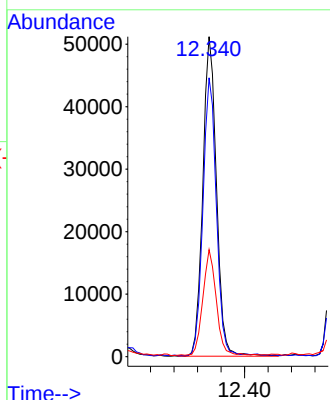
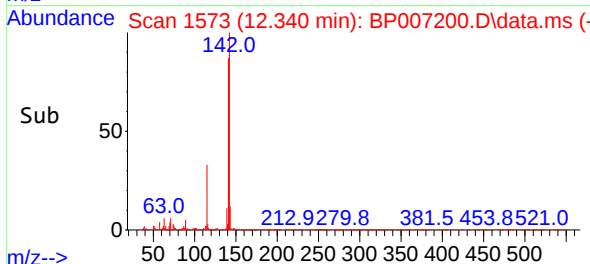
Instrument :
BNA_P
ClientSampled :
TP-9DL



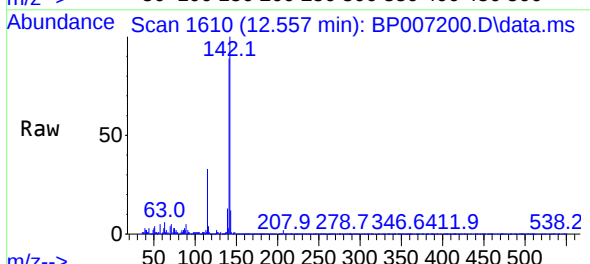
Tgt Ion:142 Resp: 82204
Ion Ratio Lower Upper
142 100
141 87.2 71.8 107.6
115 33.5 31.6 47.4

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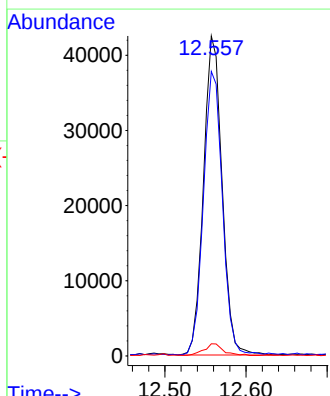
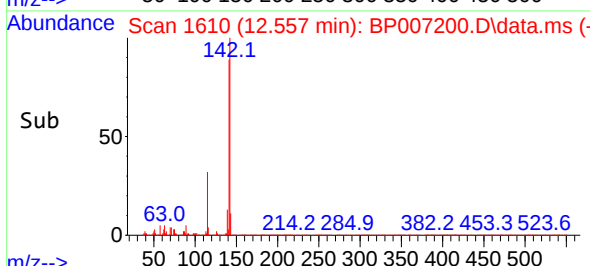
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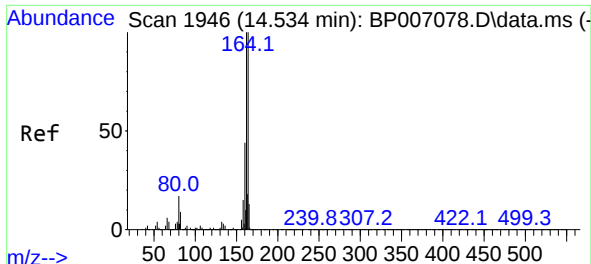


#38
1-Methylnaphthalene
Concen: 2.45 ng
RT: 12.557 min Scan# 1610
Delta R.T. -0.018 min
Lab File: BP007200.D
Acq: 25 Sep 2021 22:57

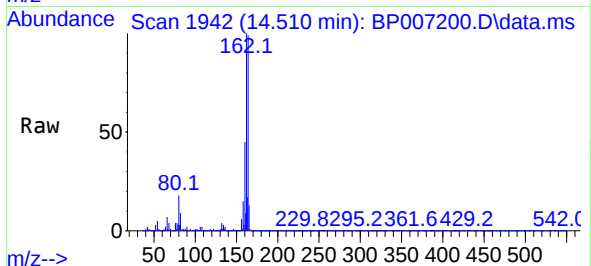


Tgt Ion:142 Resp: 67407
Ion Ratio Lower Upper
142 100
141 88.9 73.3 109.9
116 3.8 3.5 5.3





#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.510 min Scan# 1942
Delta R.T. -0.018 min
Lab File: BP007200.D
Acq: 25 Sep 2021 22:57

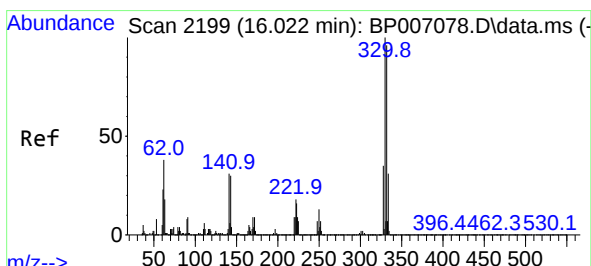
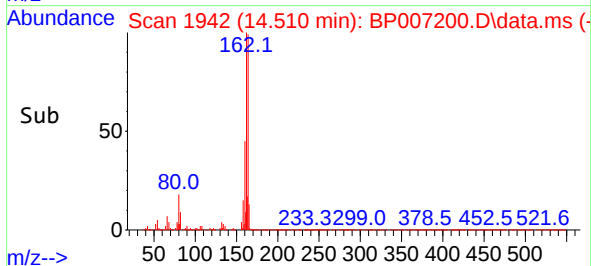
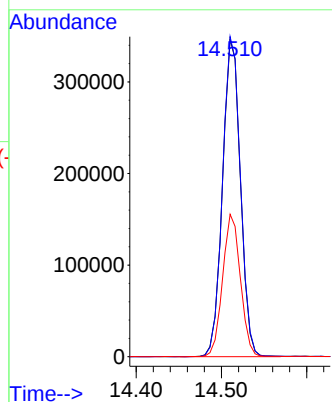


Tgt Ion:164 Resp: 505298
Ion Ratio Lower Upper
164 100
162 100.8 80.2 120.2
160 44.9 34.5 51.7

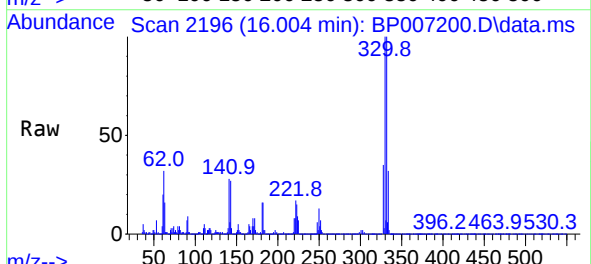
Instrument :
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ClientSampled :
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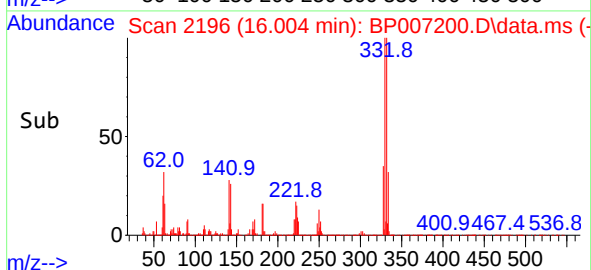
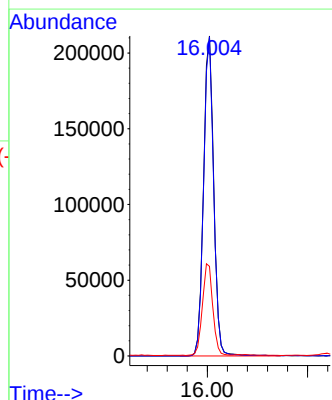
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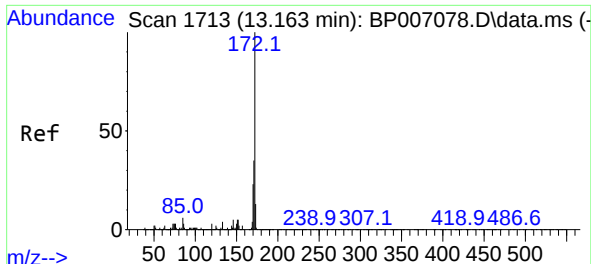


#42
2,4,6-Tribromophenol
Concen: 45.48 ng
RT: 16.004 min Scan# 2196
Delta R.T. -0.012 min
Lab File: BP007200.D
Acq: 25 Sep 2021 22:57



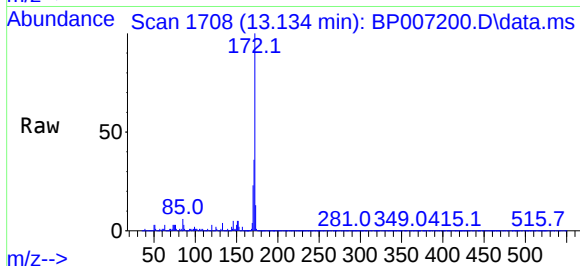
Tgt Ion:330 Resp: 297911
Ion Ratio Lower Upper
330 100
332 97.8 77.8 116.8
141 29.2 25.4 38.2





#45
2-Fluorobiphenyl
Concen: 24.93 ng
RT: 13.134 min Scan# 1708
Delta R.T. -0.018 min
Lab File: BP007200.D
Acq: 25 Sep 2021 22:57

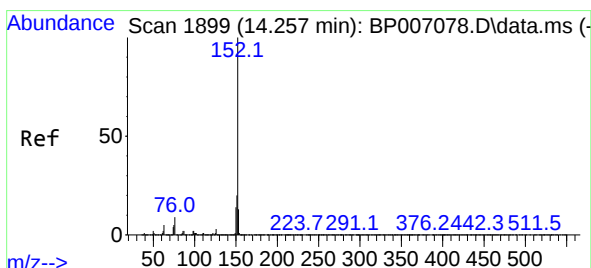
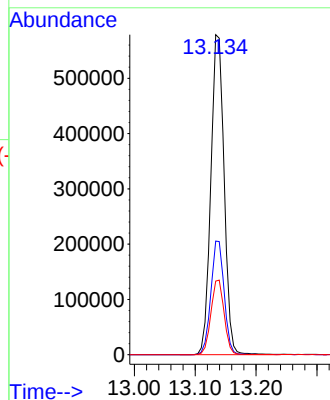
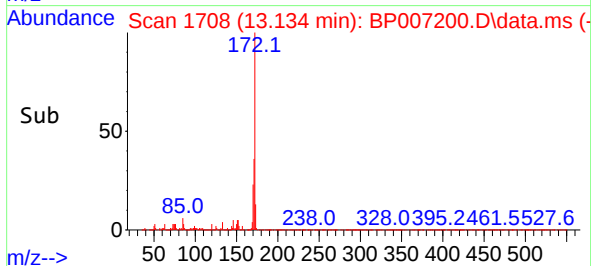
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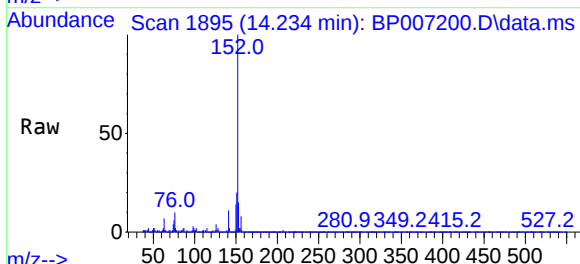
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Ion Ratio Lower Upper
172 100
171 35.5 27.9 41.9
170 23.0 18.6 27.8

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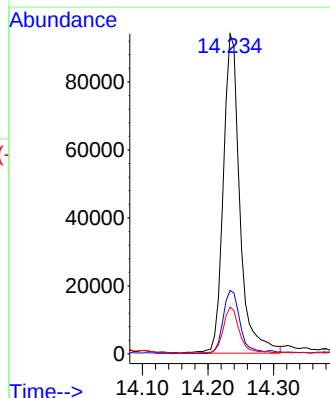
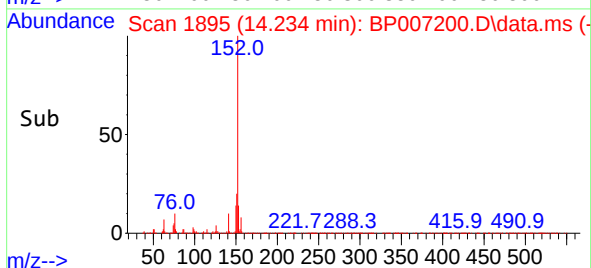
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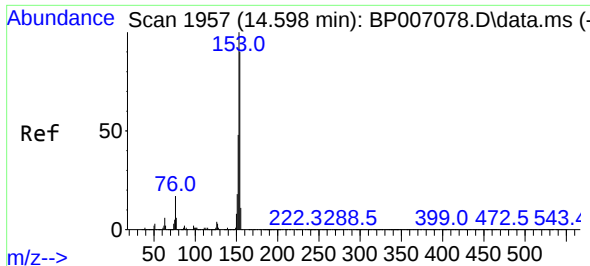


#49
Acenaphthylene
Concen: 3.67 ng
RT: 14.234 min Scan# 1895
Delta R.T. -0.012 min
Lab File: BP007200.D
Acq: 25 Sep 2021 22:57



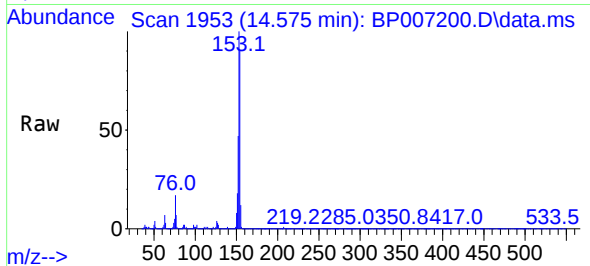
Tgt Ion:152 Resp: 164425
Ion Ratio Lower Upper
152 100
151 19.8 16.2 24.2
153 14.6 10.6 16.0





#52
Acenaphthene
Concen: 7.55 ng
RT: 14.575 min Scan# 1953
Delta R.T. -0.012 min
Lab File: BP007200.D
Acq: 25 Sep 2021 22:57

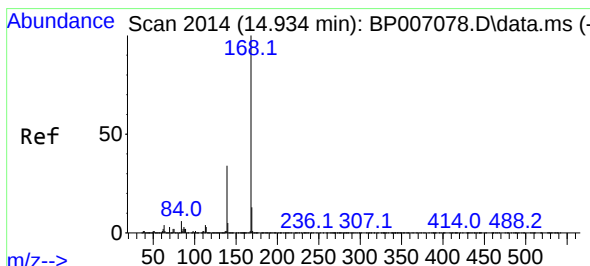
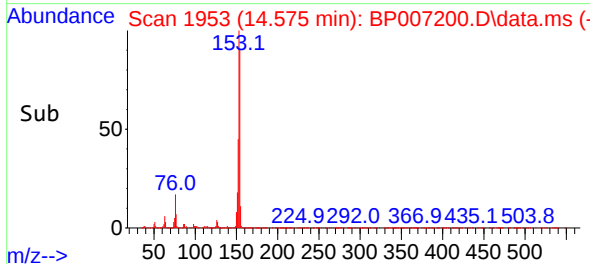
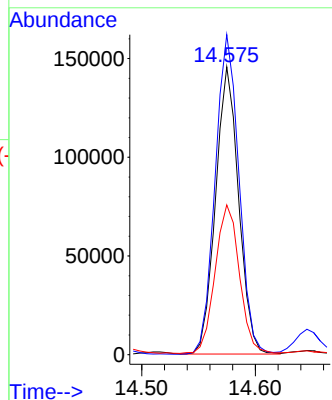
Instrument :
BNA_P
ClientSampleId :
TP-9DL



Tgt Ion:154 Resp: 205150
Ion Ratio Lower Upper
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152 52.0 43.0 64.4

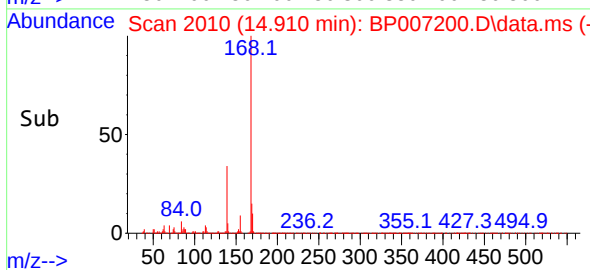
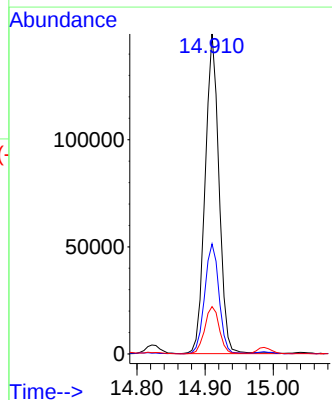
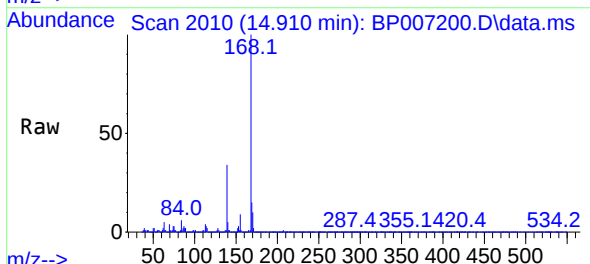
Manual Integrations
APPROVED

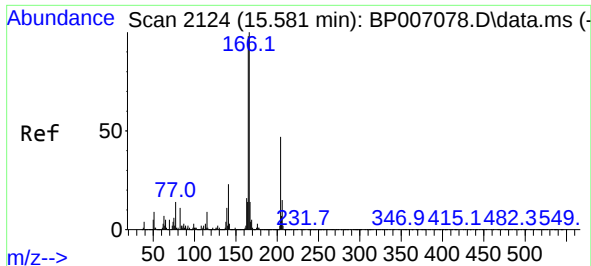
mohammad
9/27/2021 3:06:02 PM



#55
Dibenzofuran
Concen: 4.66 ng
RT: 14.910 min Scan# 2010
Delta R.T. -0.012 min
Lab File: BP007200.D
Acq: 25 Sep 2021 22:57

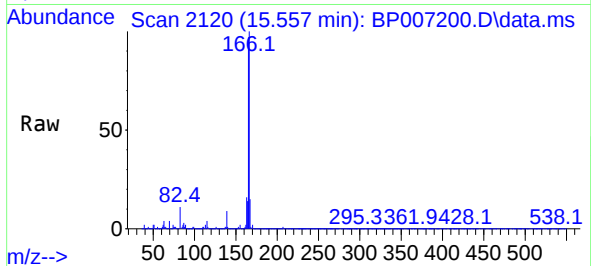
Tgt Ion:168 Resp: 211298
Ion Ratio Lower Upper
168 100
139 34.4 31.0 46.6
169 14.8 10.8 16.2





#58
Fluorene
Concen: 9.89 ng
RT: 15.557 min Scan# 2120
Delta R.T. -0.018 min
Lab File: BP007200.D
Acq: 25 Sep 2021 22:57

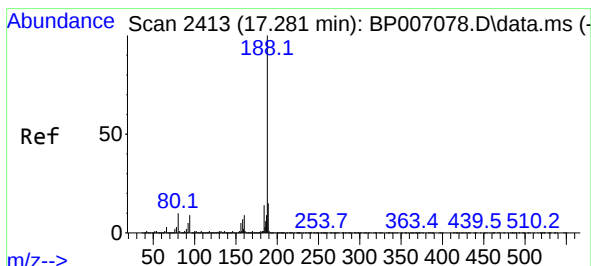
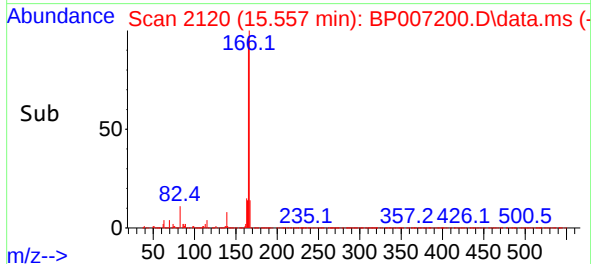
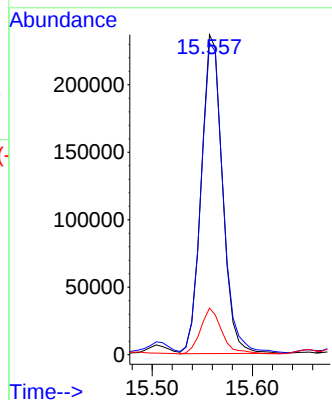
Instrument :
BNA_P
ClientSampled :
TP-9DL



Tgt Ion:166 Resp: 346361
Ion Ratio Lower Upper
166 100
165 97.4 78.0 117.0
167 14.6 10.5 15.7

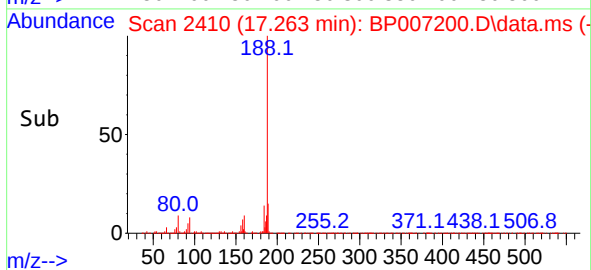
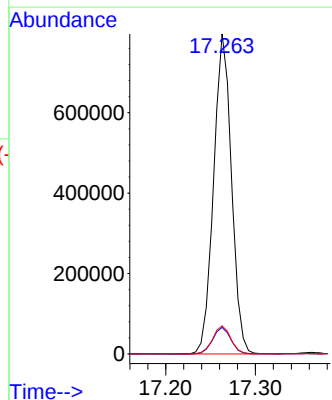
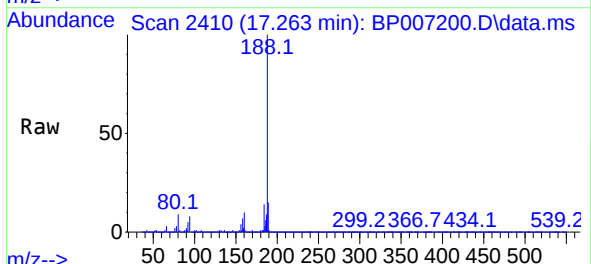
Manual Integrations
APPROVED

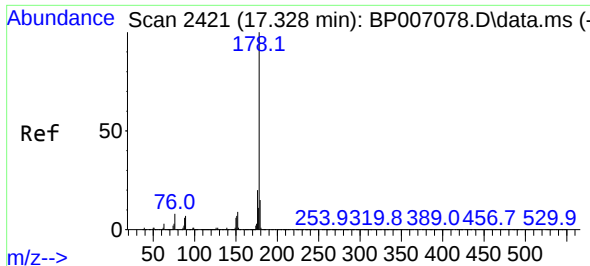
mohammad
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#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.263 min Scan# 2410
Delta R.T. -0.012 min
Lab File: BP007200.D
Acq: 25 Sep 2021 22:57

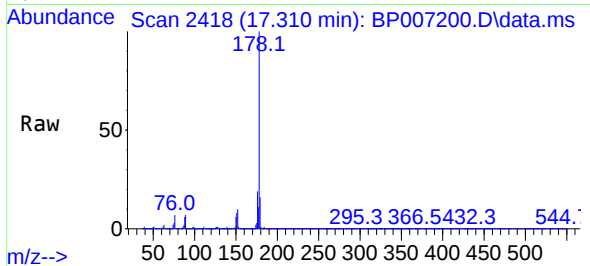
Tgt Ion:188 Resp: 1100388
Ion Ratio Lower Upper
188 100
94 8.3 5.6 8.4
80 8.8 6.3 9.5





#71
Phenanthrene
Concen: 54.61 ng
RT: 17.310 min Scan# 2418
Delta R.T. -0.006 min
Lab File: BP007200.D
Acq: 25 Sep 2021 22:57

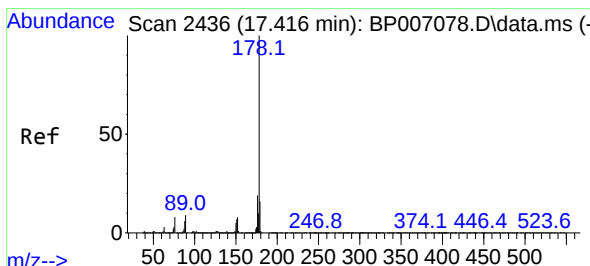
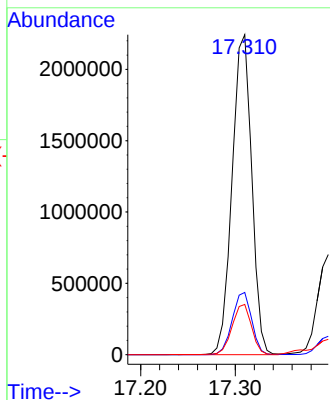
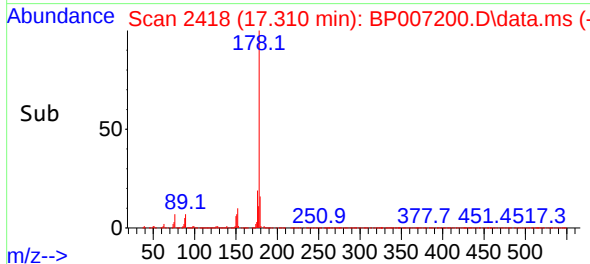
Instrument :
BNA_P
ClientSampled :
TP-9DL



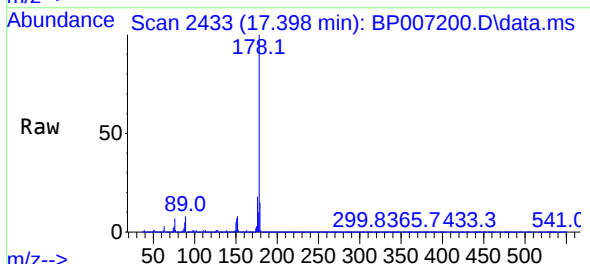
Tgt Ion:178 Resp: 3221845
Ion Ratio Lower Upper
178 100
176 19.5 15.1 22.7
179 15.7 12.4 18.6

Manual Integrations
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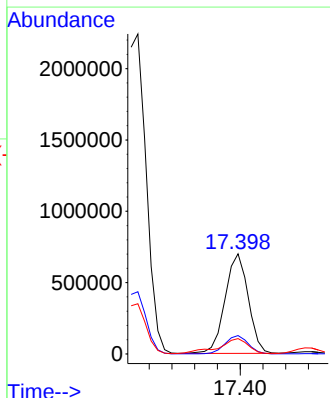
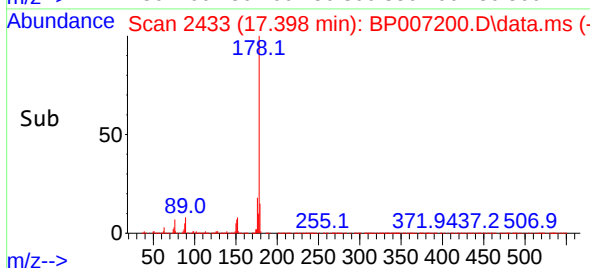
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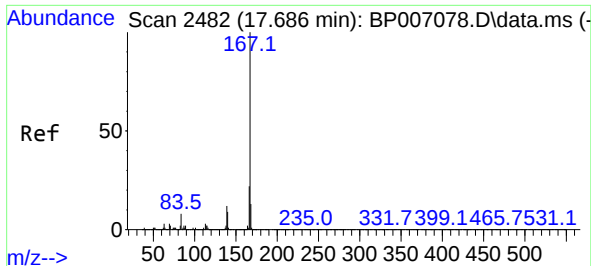


#72
Anthracene
Concen: 17.13 ng
RT: 17.398 min Scan# 2433
Delta R.T. -0.012 min
Lab File: BP007200.D
Acq: 25 Sep 2021 22:57



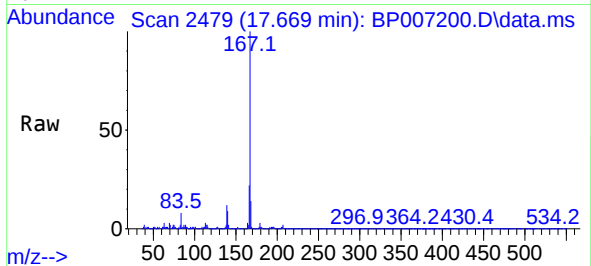
Tgt Ion:178 Resp: 988502
Ion Ratio Lower Upper
178 100
176 18.4 14.9 22.3
179 15.3 12.2 18.2





#73
 Carbazole
 Concen: 5.61 ng
 RT: 17.669 min Scan# 2479
 Delta R.T. -0.012 min
 Lab File: BP007200.D
 Acq: 25 Sep 2021 22:57

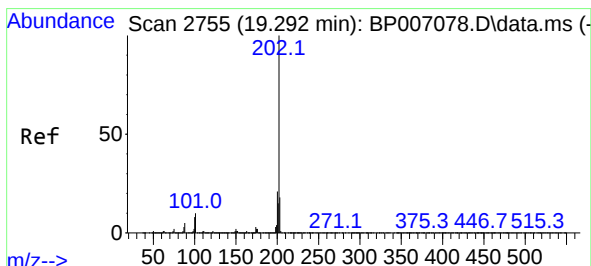
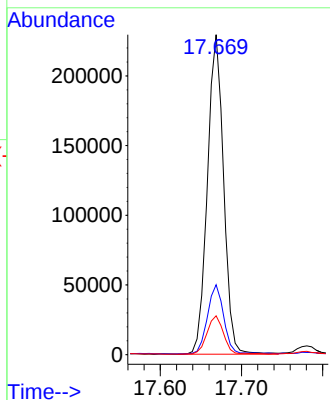
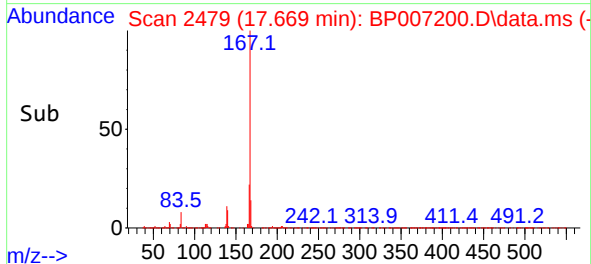
Instrument :
 BNA_P
 ClientSampled :
 TP-9DL



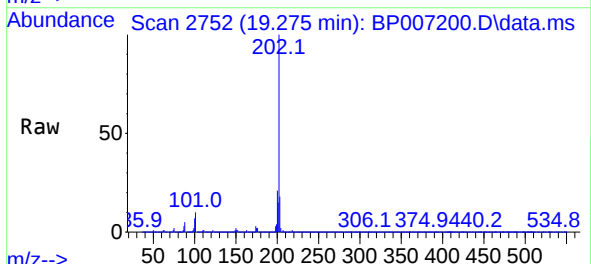
Tgt Ion:167 Resp: 317470
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.1 25.7
 139 12.1 10.7 16.1

Manual Integrations
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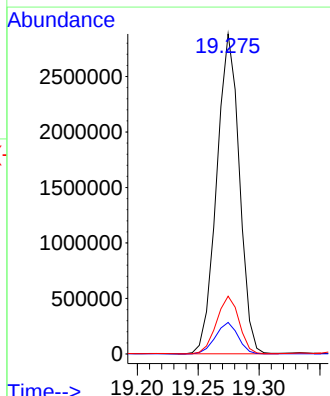
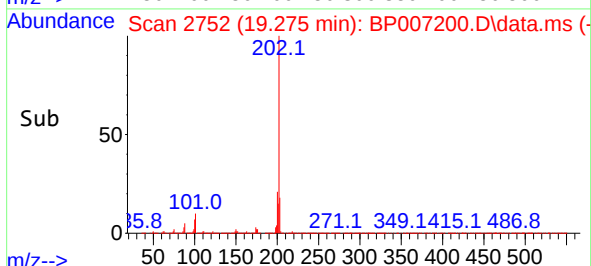
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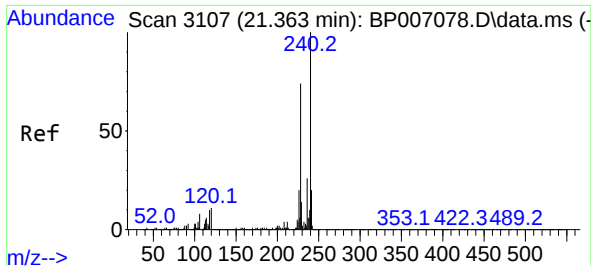


#75
 Fluoranthene
 Concen: 54.99 ng
 RT: 19.275 min Scan# 2752
 Delta R.T. -0.006 min
 Lab File: BP007200.D
 Acq: 25 Sep 2021 22:57



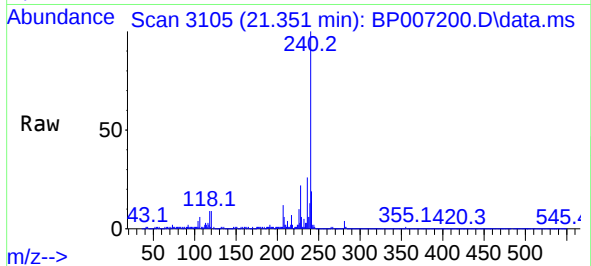
Tgt Ion:202 Resp: 3737962
 Ion Ratio Lower Upper
 202 100
 101 9.8 0.0 27.6
 203 18.0 0.0 37.8





#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.351 min Scan# 3105
Delta R.T. -0.006 min
Lab File: BP007200.D
Acq: 25 Sep 2021 22:57

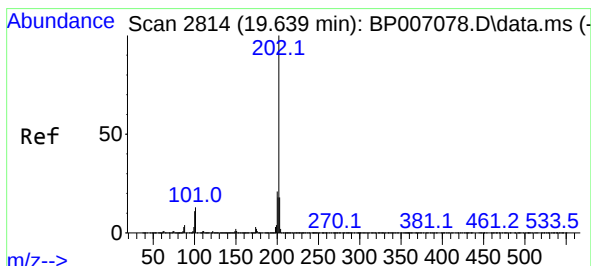
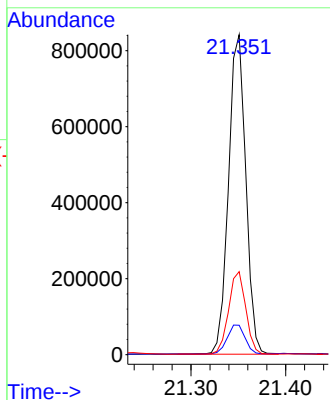
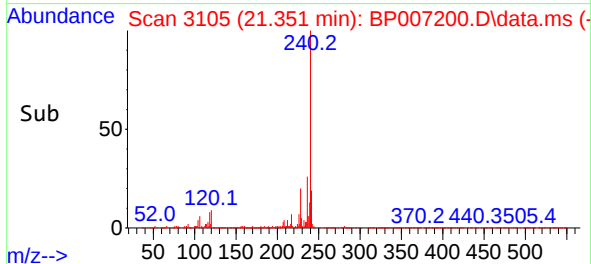
Instrument :
BNA_P
ClientSampleId :
TP-9DL



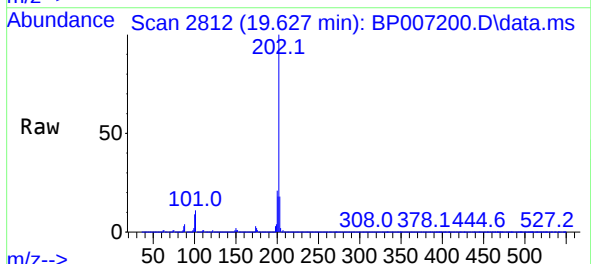
Tgt Ion:240 Resp: 1065140
Ion Ratio Lower Upper
240 100
120 9.2 6.5 9.7
236 26.0 20.6 31.0

Manual Integrations
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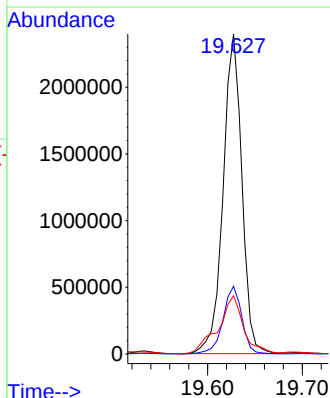
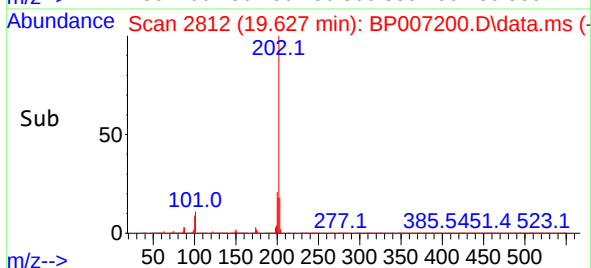
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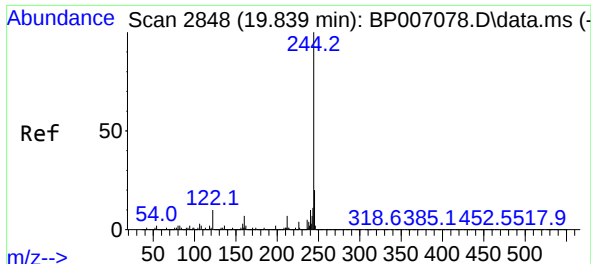


#78
Pyrene
Concen: 47.18 ng
RT: 19.627 min Scan# 2812
Delta R.T. -0.006 min
Lab File: BP007200.D
Acq: 25 Sep 2021 22:57



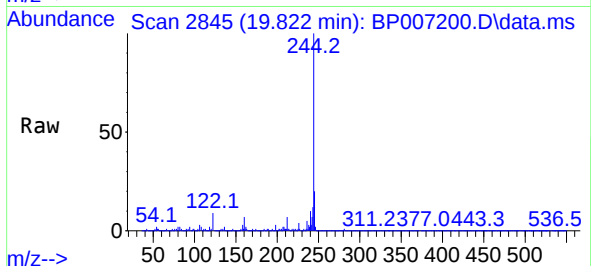
Tgt Ion:202 Resp: 3297301
Ion Ratio Lower Upper
202 100
200 21.1 16.3 24.5
203 18.2 14.2 21.2





#79
Terphenyl-d14
Concen: 24.08 ng
RT: 19.822 min Scan# 2845
Delta R.T. -0.012 min
Lab File: BP007200.D
Acq: 25 Sep 2021 22:57

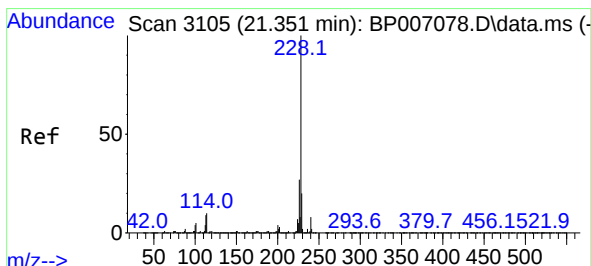
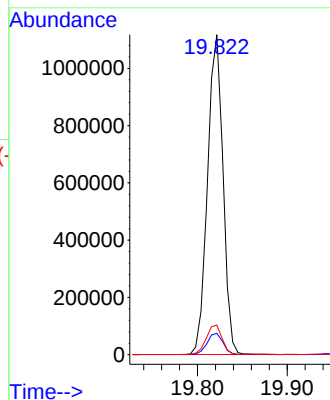
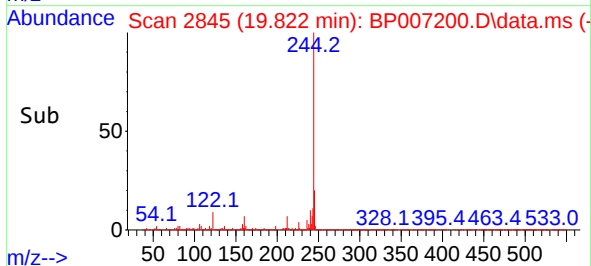
Instrument :
BNA_P
ClientSampled :
TP-9DL



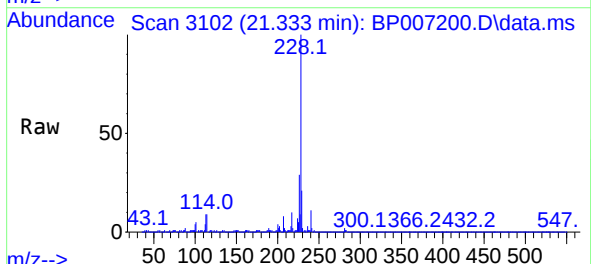
Tgt Ion:244 Resp: 1338621
Ion Ratio Lower Upper
244 100
212 6.7 6.0 9.0
122 9.2 7.1 10.7

Manual Integrations
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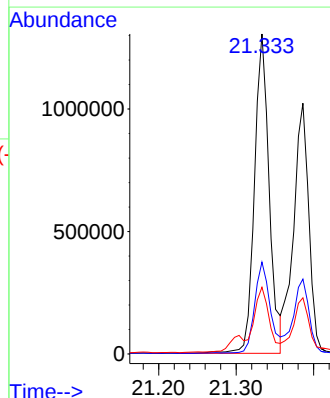
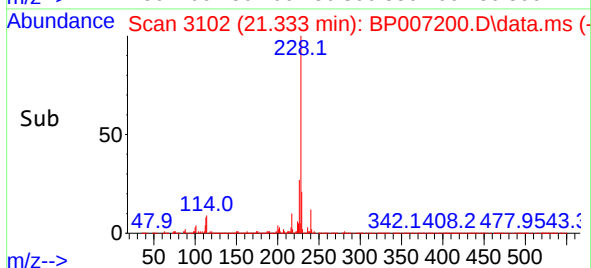
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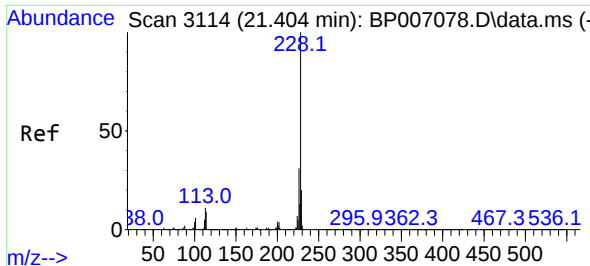


#81
Benzo(a)anthracene
Concen: 24.90 ng
RT: 21.333 min Scan# 3102
Delta R.T. -0.012 min
Lab File: BP007200.D
Acq: 25 Sep 2021 22:57



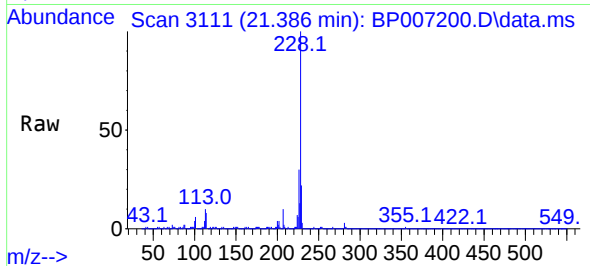
Tgt Ion:228 Resp: 1721261
Ion Ratio Lower Upper
228 100
226 28.7 21.6 32.4
229 20.9 15.8 23.6





#83
Chrysene
Concen: 21.20 ng
RT: 21.386 min Scan# 3111
Delta R.T. -0.012 min
Lab File: BP007200.D
Acq: 25 Sep 2021 22:57

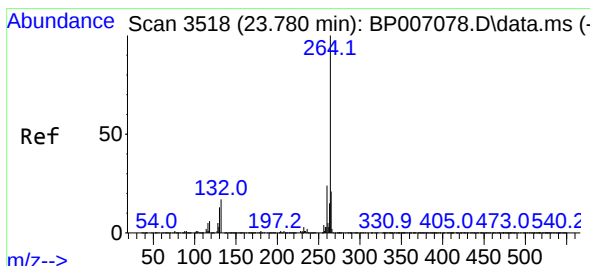
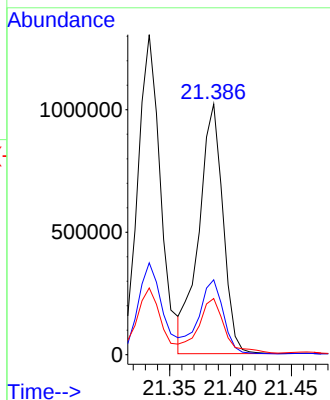
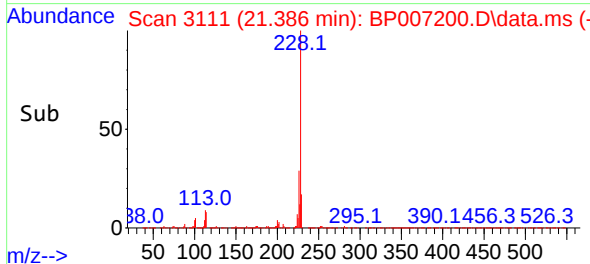
Instrument :
BNA_P
ClientSampled :
TP-9DL



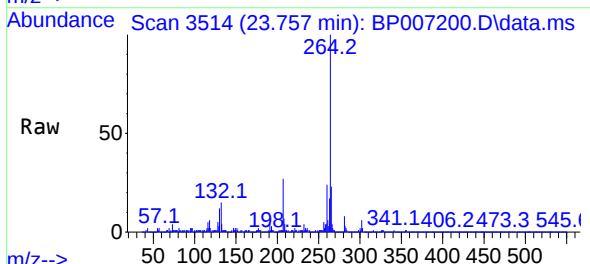
Tgt Ion:228 Resp: 1400853
Ion Ratio Lower Upper
228 100
226 29.9 23.8 35.6
229 22.4 15.4 23.2

Manual Integrations
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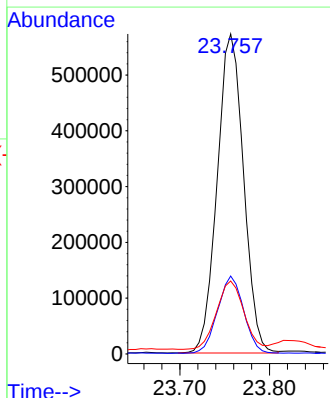
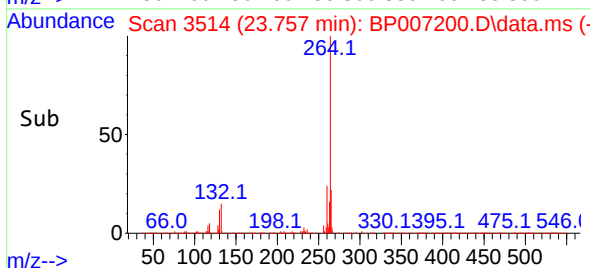
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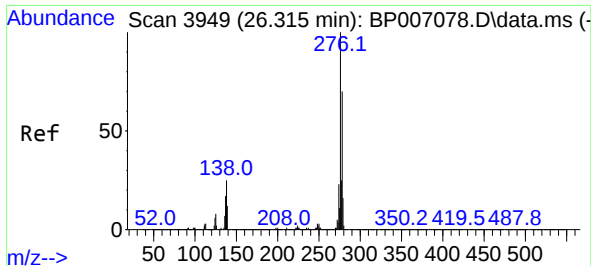


#86
Perylene-d12
Concen: 20.00 ng
RT: 23.757 min Scan# 3514
Delta R.T. -0.012 min
Lab File: BP007200.D
Acq: 25 Sep 2021 22:57



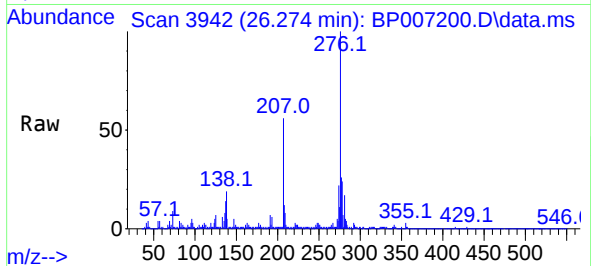
Tgt Ion:264 Resp: 1167392
Ion Ratio Lower Upper
264 100
260 24.3 18.6 28.0
265 22.8 17.6 26.4





#87
Indeno(1,2,3-cd)pyrene
Concen: 10.36 ng
RT: 26.274 min Scan# 3942
Delta R.T. -0.030 min
Lab File: BP007200.D
Acq: 25 Sep 2021 22:57

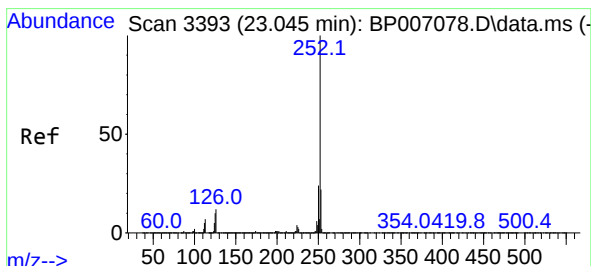
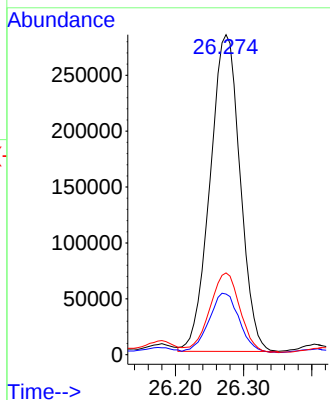
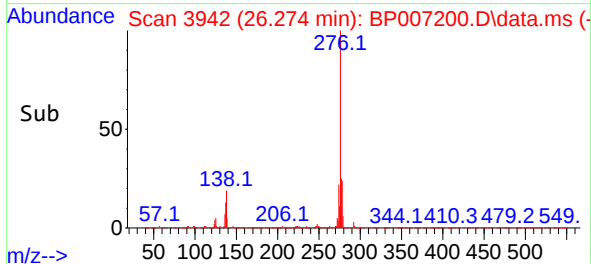
Instrument :
BNA_P
ClientSampled :
TP-9DL



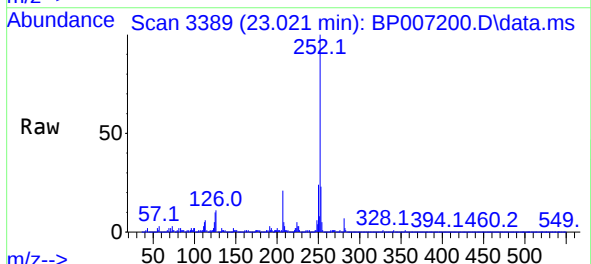
Tgt Ion:276 Resp: 869446
Ion Ratio Lower Upper
276 100
138 19.0 15.3 22.9
277 25.4 20.4 30.6

Manual Integrations
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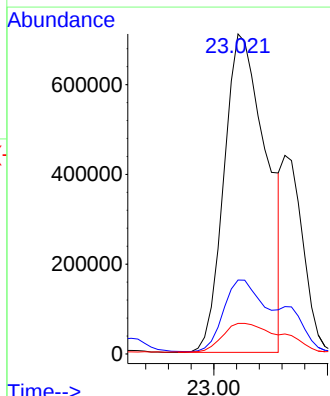
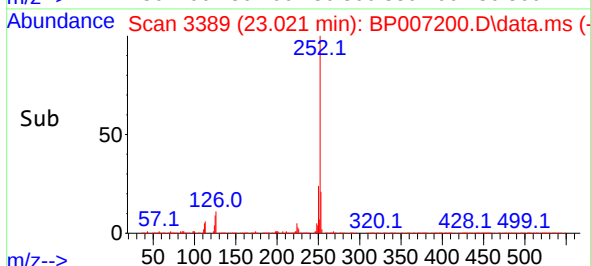
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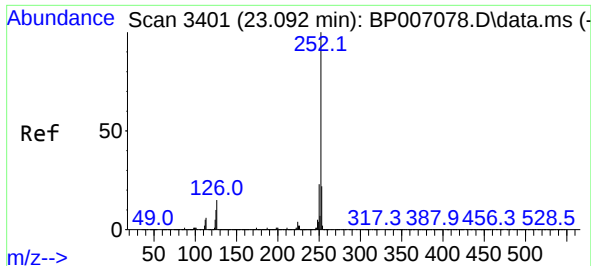


#88
Benzo(b)fluoranthene
Concen: 26.32 ng
RT: 23.021 min Scan# 3389
Delta R.T. -0.012 min
Lab File: BP007200.D
Acq: 25 Sep 2021 22:57



Tgt Ion:252 Resp: 1836201
Ion Ratio Lower Upper
252 100
253 23.1 17.5 26.3
125 9.6 6.2 9.4#





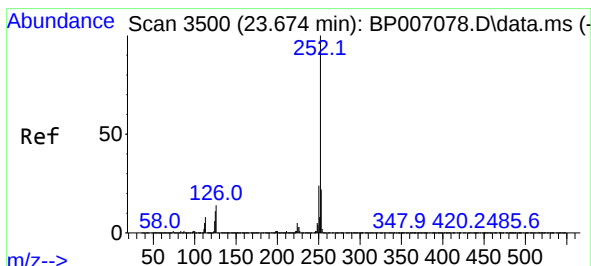
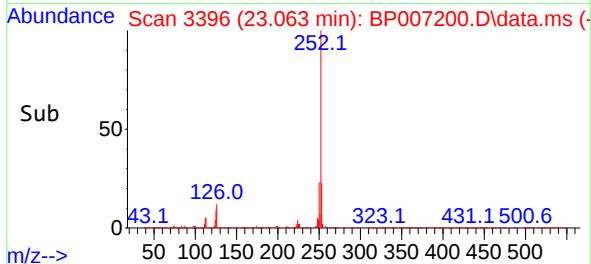
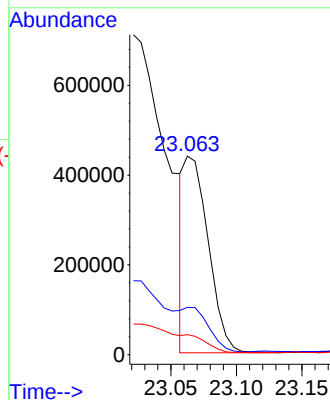
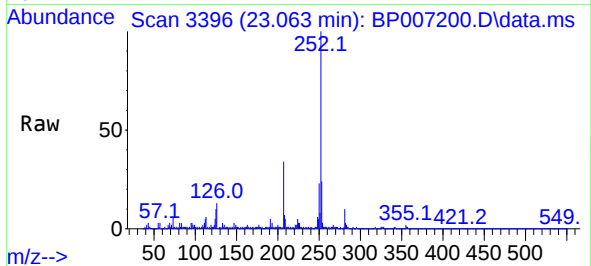
#89
Benzo(k)fluoranthene
Concen: 7.86 ng m
RT: 23.063 min Scan# 3396
Delta R.T. -0.024 min
Lab File: BP007200.D
Acq: 25 Sep 2021 22:57

Instrument :
BNA_P
ClientSampled :
TP-9DL

Tgt Ion:252 Resp: 555236
Ion Ratio Lower Upper
252 100
253 23.9 17.6 26.4
125 10.0 6.0 9.0#

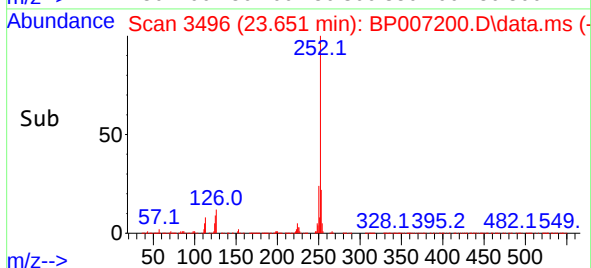
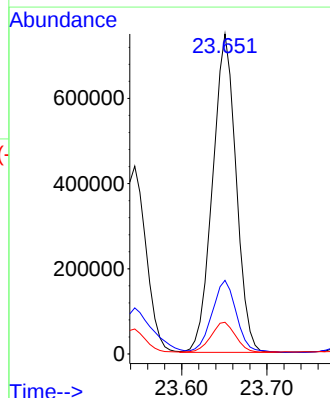
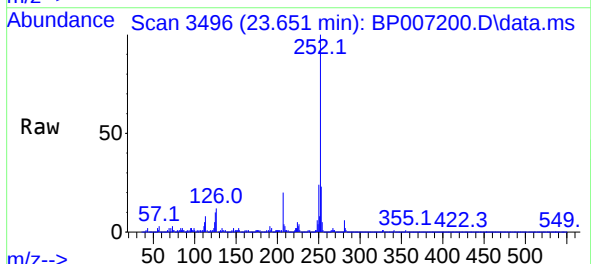
Manual Integrations
APPROVED

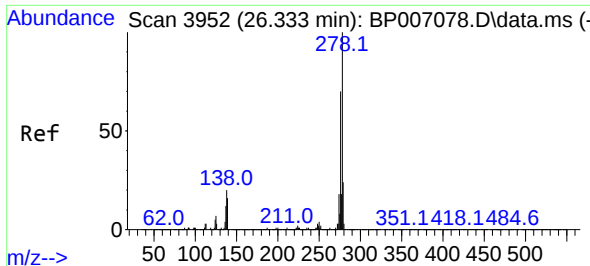
mohammad
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#90
Benzo(a)pyrene
Concen: 24.18 ng
RT: 23.651 min Scan# 3496
Delta R.T. -0.018 min
Lab File: BP007200.D
Acq: 25 Sep 2021 22:57

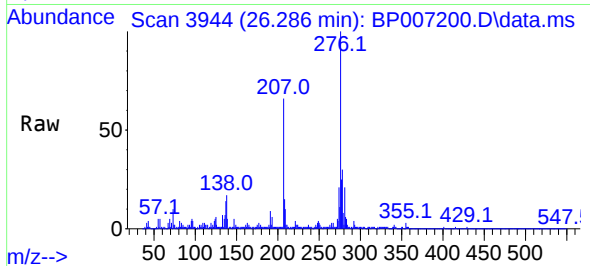
Tgt Ion:252 Resp: 1433053
Ion Ratio Lower Upper
252 100
253 23.0 17.9 26.9
125 9.9 6.5 9.7#





#91
Dibenzo(a,h)anthracene
Concen: 3.37 ng
RT: 26.286 min Scan# 3944
Delta R.T. -0.030 min
Lab File: BP007200.D
Acq: 25 Sep 2021 22:57

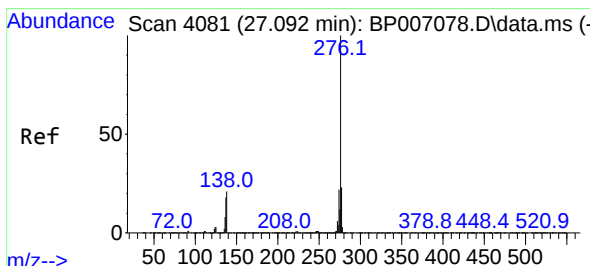
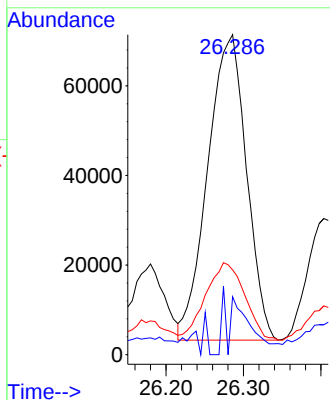
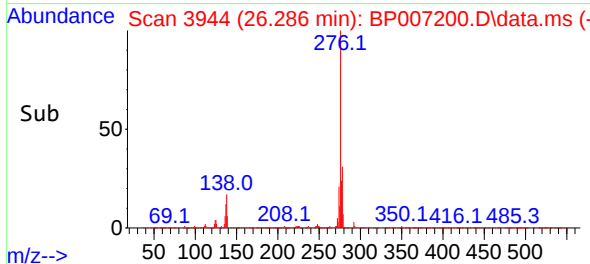
Instrument :
BNA_P
ClientSampled :
TP-9DL



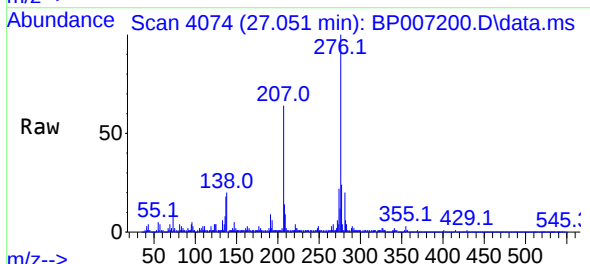
Tgt Ion:278 Resp: 237014
Ion Ratio Lower Upper
278 100
139 18.1 9.3 13.9#
279 26.5 18.8 28.2

Manual Integrations
APPROVED

mohammad
9/27/2021 3:06:02 PM



#92
Benzo(g,h,i)perylene
Concen: 12.21 ng
RT: 27.051 min Scan# 4074
Delta R.T. -0.024 min
Lab File: BP007200.D
Acq: 25 Sep 2021 22:57



Tgt Ion:276 Resp: 837516
Ion Ratio Lower Upper
276 100
277 24.4 18.9 28.3
138 19.9 12.6 18.8#

